Errata

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Information Package

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HP References in this Manual

This manual may contain references to HP or Hewlett-Packard. Please note that Hewlett-Packard's former test and measurement, semiconductor products and chemical analysis businesses are now part of Agilent Technologies. We have made no changes to this manual copy. The HP XXXX referred to in this document is now the Agilent XXXX. For example, model number HP8648A is now model number Agilent 8648A.

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HP 8590 Series Analyzers Component-Level Information

HP Part Number 5963-2951

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Component-Level Information Packet

General CLIP Information



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General CLIP Information

Component-Level Information Packets (CLIPs) provide information for selected, repairable instrument assemblies. Each CLIP contains a parts list, component-location diagram, and schematic diagram. Each CLIP has an HP part number, which is changed whenever the HP part number for its related instrument assembly is changed.

Updated or replacement CLIPs may be ordered through your local Hewlett-Packard Sales or Service office. Use the CLIP part number provided in Table A-1 of the Service Manual for the instrument documented by this CLIP set.

The information included in this "General CLIP Information" packet is listed below.

- Table 1 provides a guide to reference designations, abbreviations, and multipliers used in the "Description" column of the parts lists.
- Table 2 lists manufacturer codes used in the "Mfr Code" column of the parts lists, along with the names of the manufacturers they represent.
- Figure 1 provides a guide to graphics symbols used on schematic and block diagrams.
- Foldout 1 is an illustration of the general layout of schematic and block diagrams.

Table 1. Reference Designations, Abbreviations, and Multipliers (1 of 4)

	R F.	FERENC	CE DESIGNATIONS		
A	Assembly	F	Fuse	RT	Thermistor
AT	Attenuator, Isolator,	FL	Filter	S	Switch
	Limiter, Termination	HY	Circulator	Γ	Transformer
$ _{\mathbf{B}}$	Fan, Motor	J	Electrical Connector	тв	Terminal Board
$_{ m BT}^{\sim}$	Battery		(Stationary Portion),	$_{ m TC}$	Thermocouple
C	Capacitor		Jack	TP	Test Point
СР	Coupler	K	Relay	U	Integrated Circuit,
CR	Diode, Diode	L	Coil, Inductor	~	Microcircuit
	Thyristor, Step	M	Meter	$ _{ m V}$	Electron Tube
	Recovery Diode,	MP	Miscellaneous	v_{R}	Breakdown Diode
	Varactor		Mechanical Part		(Zener),
$_{ m DC}$	Directional Coupler	P	Electrical Connector		Voltage Regulator
DL	Delay Line	•	(Movable Portion),	\mathbf{w}	Cable, Wire, Jumper
DS	Annunciator, Lamp,		Plug	X	Socket
103	Light Emitting	Q	Silicon Controlled	Y	Crystal Unit
	Diode (LED),	~	Rectifier (SCR),	1	(Piezoelectric,
	Signaling Device		Transistor,		Quartz)
	•		Triode Thyristor	\mathbf{z}	Tuned Cavity,
10	(Visible)	ъ	-	<i>L</i>	
E	Miscellaneous Electrical Part		Resistor		Tuned Circuit
		r	REVIATIONS	CNDCT	Canduatina
	A	BSC	Basic	CNDCT	Conducting,
	A 733 / A 31.	BTN	Button		Conductive,
A	Across Flats, Acrylic,		0		Conductivity,
	Air (Dry Method),		C	CONT	Conductor
. ~ ~	Ampere	_	a :	CONT	Contact,
ADJ	Adjust, Adjustment	С	Capacitance,		Continuous,
ANSI	American National		Capacitor,		Control,
	Standards Institute		Center Tapped,	CONT	Controller
	(formerly		Cermet, Cold,	CONV	Converter
	USASI-ASA)		Compression	CPRSN	Co mpression
ASSY	Assembly	CCP	Carbon Composition	CUP-PT	Cup Point
AWG	American Wire Gage		Plastic	CW	Clockwise,
		$^{\mathrm{CD}}$	Cadmium, Card,		Continuous Wave
	В		Cord		
		CER	Ceramic		
BCD	Binary Coded		Chamfer		_
	Decimal	CHAR	Character,		D
BD	Board, Bundle		Characteristic,	_	5 5 5 1
BE-CU	•		Charcoal	D	Deep, Depletion,
BNC	Type of Connector	CMOS	Complementary		Depth, Diameter,
BRG	Bearing, Boring		Metal Oxide		Direct Current
BRS	Brass		Semiconductor	DA	Darlington

Table 1. Reference Designations, Abbreviations, and Multipliers (2 of 4)

		AB	BREVIATIONS		
DAP-GL	Diallyl Phthalate	FT	Current Gain	JFET	Junction Field
	Glass		Bandwidth Product		Effect Transistor
DBL	Double	5	(Transition		
DCDR	Decoder		Frequency), Feet,		K
DEG	Degree		Foot		
D-HOLE	D-Shaped Hole	FXD	Fixed	$ _{\mathbf{K}}$	Kelvin, Key,
DIA	Diameter				Kilo, Potassium
DIP	Dual In-Line Package		G	KNRLD	Knurled
DIP-SLDR	Dip Solder			KVDC	Kilovolts
D-MODE	Depletion Mode	GEN	General, Generator		Direct Current
DO	Package Type	GND	Ground		
	Designation	GP	General Purpose,		${f L}$
DP	Deep, Depth, Dia-		Group		
	metric Pitch, Dip			LED	Light Emitting
DP3T	Double Pole Three		H		Diode
	Throw			LG	Length, Long
DPDT	Double Pole Double	н	Henry, High	LIN	Linear, Linearity
	Throw	HDW	Hardware	LK	Link, Lock
DWL	Dowell	HEX	Hexadecimal,	LKG	Leakage, Locking
			Hexagon,	LUM	Luminous
	E		Hexagonal		
		HLCL	Helical		
E-R	E-Ring	HP	Hewlett-Packard		M
EXT	Extended, Extension,		Company, High Pass		
	External, Extinguish			M	Male, Maximum,
			I		Mega, Mil, Milli,
	F				Mode
		IC	Collector Current,	MA	Milliampere
F	Fahrenheit, Farad,		Integrated Circuit	MACH	Machined
	Female, Film	ID	Identification,	MAX	Maximum
	(Resistor), Fixed,		Inside Diameter	MC	Molded Carbon
	Flange, Frequency	IF	Forward Current,		Composition
FC	Carbon Film/		Intermediate	MET	Metal, Metallized
	Composition, Edge		Frequency	MHZ	Megahertz
	of Cutoff Frequency,	IN	Inch	MINTR	Miniature
	Face	INCL	Including	MIT	Miter
FDTHRU	Feedthrough	INT	Integral, Intensity,	MLD	Mold, Molded
FEM	Female		Internal	MM	Magnetized Material,
FIL-HD	Fillister Head				Millimeter
FL AT PT	Flash, Flat, Fluid		J	MOM	Momentary
	Flat Point		, , , , , , , , , , , , , , , , , , ,	MTG	Mounting
FR	Front	J-FET	Junction Field	MTLC	Metallic
FREQ	Frequency		Effect Transistor	MW	Milliwatt

Table 1. Reference Designations, Abbreviations, and Multipliers (3 of 4)

-	ABBREVIATIONS					
	N		Plastic	SMA	Subminiature,	
		PNL	Panel		A Type (Threaded	
N	Nano, None	PNP	Positive Negative		Connector)	
N-CHAN	· ·		Positive (Transistor)	SMB	Subminiature,	
NH	Nanohenry	POLYC	Polycarbonate		B Type (Slip-on	
NM	Nanometer,	POLYE	Polyester		Connector)	
	Nonmetallic	POT	Potentiometer	SMC	Submi niature,	
NO	Normally Open,	POZI	Pozidriv Recess		C-Type (Threaded	
	Number	PREC	Precision		Connector)	
NOM	Nominal	PRP	Purple, Purpose	SPCG	Spacing	
NPN	Negative Positive	PSTN	Piston	SPDT	Single Pole	
	Negative (Transistor)	PT	Part, Point,		Double Throw	
NS	Nanosecond,		Pulse Time	SPST	Single Pole	
	Non-Shorting, Nose	PW	Pulse Width		Single Throw	
NUM	Numeric			$_{ m SQ}$	Square	
NYL	Nylon (Polyamide)			SST	Stainless Steel	
	,		\mathbf{Q}	STL	Steel	
	0			SUBMIN	Subminiature	
		Q	Figure of Merit	SZ	Size	
OA	Over-All					
OD	Outside Diameter		${f R}$			
OP AMP	Operational					
	Amplifier	R	Range, Red,		T	
OPT	Optical, Option,		Resistance, Resistor,			
	Optional		Right, Ring	$ \mathbf{T} $	${ m Teeth},$	
		REF	Reference		Temperatu re,	
	P	RES	Resistance, Resistor		Thickness, Time,	
		RF	Radio Frequency		Timed, Tooth,	
PA	Picoampere, Power	RGD	Rigid		Typical	
	Amplifier	RND	Round	TA	Ambient	
PAN-HD	Pan Head	RR	Rear		Temperature,	
PAR	Parallel, Parity	RVT	Rivet, Riveted	T.C	Tantalum	
PB	Lead (Metal),		_	TC	Temperature	
	Pushbutton		S	WIII D	Coeffi cient	
PC	Printed Circuit	G		THD	Thread, Threaded	
PCB	Printed Circuit	SAWR	Surface Acoustic	THK	Thick	
D CIT 4 37	Board	CEC	Wave Resonator	TO	Package Type	
P-CHAN	P-Channel	SEG	Segment	TPG	Designation Tapping	
PD	Pad, Power	SGL	Single	TR-HD	Truss Head	
DE	Dissipation	SI	Silicon,	TRMR	Truss Head Trimmer	
PF	Picofarad, Power	SL	Square Inch Slide, Slow	TRN	Turn, Turns	
DVC	Factor	SLT	Slot, Slotted	TRSN	Torsion	
PKG	Package	PDTI	Siot, Stotted	TIM	10191011	

Table 1. Reference Designations, Abbreviations, and Multipliers (4 of 4)

	ABBREVIATIONS				
	U	VAR	Variable		Y
		VDC	Volts—Direct Current		
UCD	Microcandela			YIG	Yttrium-Iron-
UF	Microfarad				Garnet
UH	Microhenry		\mathbf{W}		
UL	Microliter,		i		
	Underwriters'	\mathbf{w}	Watt, Wattage,		z
	Laboratories, Inc.		White, Wide, Width		
UNHDND	Unhardened	W/SW	With Switch	ZNR	Zener
		ww	Wire Wound		
	\mathbf{v}				ļ
			X		
$ \mathbf{v} $	Variable, Violet,				
	Volt, Voltage	X	By (Used with		
VAC	Vacuum, Volts—		Dimensions),		
	Alternating Current		Reactance		

MULTIPLIERS					
Abbreviation	Prefix	Multiple	Abbreviation	Prefix	Multiple
${f T}$	tera	10^{12}	m	milli	10^{-3}
G	$_{ m giga}$	10 ⁹	μ	micro	10^{-6}
M	mega	10^{6}	n	nano	10^{-9}
k	kilo	10^{3}	p	pico	10^{-12}
da	deka	10^{2}	f	femto	10^{-15}
d	deci	10-1	a	atto	10^{-18}
c	centi	10^{-2}			

Table 2. Manufacturers Code List

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
00039	NEC ELECTRONICS INC	MTN VIEW, CA	US	94043
00046	UNITRODE CORP	LEXINGTON, MA	US	02173
00075	ARIZONA COIL INC	NOGALES, AZ	US	85621
00273	STILLWATER MFG CO	EAST FREEDOM, MA	US	02717
00278	MCCOY ELECTRONICS CO	HOLLY SPRINGS, PA	US	17065
00350	EXAR INTEGRATED SYSTEMS INC	SUNNYVALE, CA	US	94086
00466	NORELCO NORTH AMER PHILIPS LTG CORP	LOS ANGELES, CA	US	90021
00493	UNITED CHEMI-CON INC	COMPTON, CA	US	90220
00746	ROHM CORP	IRVINE, CA	US	92713
00779	NICHICON (AMERICA) CORP	SCHAUMBERG, IL	US	60195
00830	KYOCERA INTERNATIONAL INC	SAN DIEGO, CA	US	
00901	UNION CARBIDE CORP	DANBURY, CT	US	06810
01064	SCHAAL BROS INC	BERTHOUD, CO	US	80513
01074	HOLSWORTHY ELECTRONICS LTD	HOLSWORTHY	EG	
01128	RES-NET CORP	WHIPPANY, NJ	US	07981
01131	WESTERN THERMISTOR CORP	OCEANSIDE, CA	US	92054
01136	ELCO INDUSTRIES INC	ROCKFORD, IL	US	61125
01172	R C D COMPONENTS INC	BEDFORD, NH	US	03102
01185	MAGNET WIRE CORP	NEW YORK, NY	US	10013
01230	AEROVOX CORP	NEW BEDFORD, MA	US	02741
01250	GTE SYLVANIA ELEK COMPONENTS GROUP	WALTHAM, MA	US	02154
01339	GETTIG ENGRG & MFG CO INC	SPRING MILLS, PA	US	16875
01380	AMP INC	HARRISBURG, PA	US	17111
01409	CROVEN CRYSTALS	WHITBY	CN	L1N 5
01417	NEL FREQUENCY CONTROLS INC	BURLINGTON, WI	US	53105
01452	SANGAMO WESTON INC	NORCROSS, GA	US	30071
01461	GOE ENGINEERING CO INC	ONTARIO, CA	US	91761
01468	STETTNER & CO	LAUF	GM	D-856
01478	BOYD CORP	PLEASANTON, CA	US	94566
01542	HP DIV 01 SAN JOSE COMPONENTS	SAN JOSE, CA	US	95131
01590	PLESSEY SEMICONDUCTORS	SANTA ANA, CA	US	92705
01607	ALLEN-BRADLEY CO INC	EL PASO, TX	US	79935
01688	MURATA CORPORATION OF AMERICA	MARIETTA, GA	US	30067
01691	TRW INC SEMICONDUCTOR DIV	LAWNDALE, CA	US	90260
01698	TEXAS INSTRUMENTS INC	DALLAS, TX	US	75265
01708	JUBULATION	SANTA CRUZ, CA	US	95060
01736	ALLIED ELECTRONICS CORP	CHICAGO, IL	US	60612
01760	MATSUO ELECTRONICS OF AMERICA	HUNTINGTON BEACH, CA	US	90245
01795	SYNERTEK	SANTA CLARA, CA	US	95051
01850	AROMAT CORP	MOUNTAINSIDE, NJ	US	07092
01854	RCL ELECTRONICS INC	NORTHBROOK, IL	US	60062
01869	PULSE ENGINEERING INC	SAN DIEGO, CA	US	92111
01876	HP DIV 02 SCD IC'S	SANTA CLARA, CA	US	95050
01885	HAMILTON STANDARD CONTROLS INC	WINDWOR LOCKS, CT	US	06096
01886	COILCRAFT INC	CARY, IL	US	60013
01887	FERROXCUBE CORP	SAUGERTIES, NY	US	12477

Table 2. Manufacturers Code List (continued)

746	Manufacturer Name	l - · ·	G	ZID
Mfr Code		Address	Country	ZIP Code
01898	HI-G CO INC	HARTFORD, CT	US	06114
01916	BUNKER RAMO CORP AMPHENOL CONN DIV	BROADVILLE, IL	US	60153
01921	RCA CORP	NEW YORK, NY	US	10112
01923	NYLOGRIP PRODUCTS	WALTHAM, MA	US	02154
01924	ITW FASTEX	DES PLAINES, IL	US	60016
01939	ELPAC INC COMPONENTS DIV	IRVINE, CA	US	92664
01943	HP DIV 04 SPD CABLES 64	PALO ALTO, CA	US	94304
01953	HP DIV 04 SPD MOLDING 91	PALO ALTO, CA	US	94304
01973	GE CO SEMICONDUCTOR PROD DEPT	AUBURN, NY	US	13201
01991	TRANSITRON ELECTRONIC CORP	WAKEFIELD, MA	US	01880
01992	KDI PYROFILM CORP	WHIPPANY, NJ	US	07981
01993	MARKEL CORP	NORRISTOWN, PA	US	19404
02010	AVX CORP	GREAT NECK, NY	US	11021
02030	NATIONAL WIRE & CABLE CO INC	LOS ANGELES, CA	US	90031
02037	MOTOROLA INC	ROSELLE, IL	US	60195
02038	UNICORP	ORANGE, NJ	US	07050
02062	HP DIV 05 MSD	SAN JOSE, CA	US	94304
02086	WESTINGHOUSE ELEC CORP SEMICON DEPT	YOUNGWOOD, PA	US	15697
02091	ULTRONIX INC	GRAND JUNCTION, CO	US	81501
02123	EG & G INC	WELLESLEY, MA	US	02181
02139	MEPCO/ELECTRA INC	MORRISTOWN, NJ	US	07960
02145	RAYCHEM CORP	MENLO PARK, CA	US	94025
02160	PANDUIT CORP	TINLEY PARK, IL	US	60477
02170	AMATOM ELEK HARDWARE DIV OF MITE	NEW ROCHELLE, NY	US	06515
02172	JEFFERS ELECTRONICS INC	NOGALES, AZ	US	85621
02180	PRECISION MONOLITHICS INC	SANTA CLARA, CA	US	95054
02191	CORNING COMPONENTS INC	CORNING, NY	US	14830
02194	ROBINSON NUGENT INC	NEW ALBANY, IN	US	47150
02210	MILTON ROSS CO	SOUTHHAMPTON, PA	US	18966
02215	KELVIN ELECTRIC CO	VAN NUYS, CA	US	91401
02236	SILICON TRANSISTOR CORP	CHELMSFORD, MA	US	11530
02237	FAIRCHILD SEMICONDUCTOR CORP	CUPERTINO, CA	US	95014
02273	TRW INC BURLINGTON DIV	BURLINGTON, IA	US	52601
02290	RAYTHEON CO SEMICONDUCTOR DIV HQ	MOUNTAIN VIEW, CA	US	94040
02296	HP DIV 08 COLO SPRGS	COLORADO SPGS, CO	US	80907
02344	GE CO MINIATURE LAMP PROD DEPT	CLEVELAND, OH	US	44112
02362	HP DIV 09 LID COMPONENTS	LOVELAND, CO	US	80537
02363	HP DIV C5 COLORADO IC	FT COLLINS, CO	US	80525
02366	KOA SPEER ELECTRONICS INC	BRADFORD, PA	US	16701
02367	CORNELL-DUBILIER/SANGAMO	WAYNE, NJ	US	07470
02379	TEXAS CAPACITOR CO INC	HOUSTON, TX	US	77036
02392	C & K COMPONENTS INC	NEWTON, MA	US	02158
02408	DIXON INDUSTRIES CORPORATION	BRISTOL, RI	US	02809
02414	BURNDY CORP	NORWALK, CT	US	06856
02415	DALE ELECTRONICS INC	YANKTON, SD	US	57078
02440	THOMPSON BREMER DIV VARE	CHICAGO, IL	US	60622

Table 2. Manufacturers Code List (continued)

Mfr	Manufacturer Name	Address	Country	ZIP
Code				Code
02465	ANILLO INDUSTRIES INC	ORANGE, CA	US	92667
02483	CTS CORP	ELKHART, IN	US	46514
02484	CTS CORP PASO ROBLES	PASO ROBLES, CA	US	93446
02499	IRC INC	BOONE, NC	US	28607
02501	TELEDYNE INDUSTRIES INC	LOS ANGELES, CA	US	90067
02556	MONTROSE PRODUCTS CO	AUBURN, MA	US	01501
02567	OMTRONICS MFG INC	OMAHA, NE	US	68105
02569	CRYSTALONICS, DIV TELEDYNE	CAMBRIDGE, MA	US	02140
02572	TELEDYNE THERMATICS	ELM CITY, NC	US	27822
02574	RLC ELECTRONICS INS	MT KISCO, NY	US	10549
02577	HAMLIN INC	LAKE MILLS, WI	US	53551
02582	CLAROSTAT MFG CO INC	DOVER, NH	US	03820
02598	UNITRODE CORP	WATERTOWN, MA	US	02172
02603	NATIONAL WIRE & STAMPING INC	ENGLEWOOD, CO	US	80110
02608	THERMALLOY INC	DALLAS, TX	us	75234
02619	SOLITRON DEVICES INC (DIODES)	TAPPAN, NY	US	10983
02634	SPRAGUE ELECTRIC SEMICON DIV	CONCORD, NH	US	03301
02664	SEMTECH CORP	NEWBURY PARK, CA	US	91320
02668	EDISON ELEK DIV MCGRAW-EDISON	MANCHESTER, NH	US	03130
02675	AMERICAN COMPONENTS INC	CONSHOHOCKEN, PA	US	19428
02682	ITT SEMICONDUCTORS DIV	TUSTIN, CA	US	92680
02685	LOBAUGH ROLLIN J	SOUTH SAN FRANC, CA	US	94080
02686	WATKINS-JOHNSON CO	PALO ALTO, CA	US	94304
02688	MICROSEMI CORP	SCOTSDALE, AZ	US	85252
02696	CORNING GLASS WORKS ELEK PROD DIV	CORNING, NY	US	14830
02706	WARD LEONARD HAGERSTOWN DIV	HAGERSTOWN, MD	US	21740
02713	GENERAL INSTRUMENT CORP (DIODE)	HICKSVILLE, NY	US	11802
02718	VALOR ELECTRONICS INC	SANTA ANA, CA	US	92705
02734	AMETEK INC RODAN DIV	ANAHEIM, CA	US	92806
02739	MINI-CIRCUITS LAB	BROOKLYN, NY	US	11235
02744	ELEC-TROL INC	SAUGUS, CA	US	91350
02761	FENWAL ELECTRONICS INC	SADDLE BROOK, NJ	US	07662
02763	TELEDYNE SEMICONDUCTOR	MOUNTAIN VIEW, CA	US	94043
02771	ANSLEY ELECTRIC	LOS ANGELES, CA	US	90032
02788	M/A-COM INC	BURLINGTON, MA	US	01803
02798	CORNING ELECTRONICS	RALEIGH, NC	US	27604
02803	CODI SEMICONDUCTOR	LINDEN, NJ	US	07410
02805	COOPER INDUSTRIES INC	HOUSTON, TX	US	77210
02813	U S CAPACITOR CORP	BURBANK, CA	US	91504
02826	DENNISON MFG CO	FRAMINGHAM, MA	US	01701
02856	MOHAWK SPRING CO INC	ARLINGTON HEIGH, IL	US	60008
02865	ALPHA INDUSTRIES INC	WOBURN, MA	US	01801
02877	ANGSTROHM PRECISION INC	VAN NUYS, CA	US	91405
02883	SILICONIX INC	SANTA CLARA, CA	US	95054
02910	SIGNETICS CORP	SUNNYVALE, CA	US	94086
02923	CHOMERICS INC	WOBURN, MA	US	01801

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
02928	VISHAY INTERTECHNOLOGY INC	MALVERN, PA	US	19355
02937	VOLTRONICS CORP	HANOVER, NJ	US	07936
02946	DUPONT E I DE NEMOURS & CO	WILMINGTON, DE	US	19801
02995	MEPCO/CENTRALAB INC	RIVIERA, FL	US	33404
03038	INTL RECTIFIER CORP	LOS ANGELES, CA	US	90069
03122	EMCON DIV ITW	SAN DIEGO, CA	US	92129
03123	MICRO-OHM CORP	EL TORO, CA	US	92630
03171	SOLITRON DEVICES INC	PALM BEACH, FL	US	33404
03172	TRW MICROWAVE	SUNNYVALE, CA	US	94086
03174	ANZAC ELEK DIV ADAMS-RUSSEL CO INC	WALTHAM, MA	US	02154
03206	DUPONT CONNECTOR SYSTEMS	CAMP HILL, PA	US	17011
03232	PRODUCT COMPONENT CORP	MT VERNON, NY	US	10553
03239	WAVETEK	SAN DIEGO, CA	US	92111
03257	M-TRON INDUSTRIES INC	YANKTON, SD	US	57078
03259	STANFORD APPLIED ENGINEERING	SANTA CLARA, CA	US	95054
03263	ELECTRONIZED CHEMICALS CORP	BURLINGTON, MA	US	01803
03273	GOWANDA ELECTRONICS CORP	GOWANDA, NY	US	14070
03282	GENERAL CABLE CORP	NEW YORK, NY	US	10017
03285	ANALOG DEVICES INC	NORWOOD, MA	US	02062
03291	AVANTEK INC	SANTA CLARA, CA	US	95054
03292	CORNING GLASS WORKS	CORNING, NY	US	14830
03297	EMC TECHNOLOGY INC	CHERRY HILL, NJ	US	08034
03316	SPECIALTY CONNECTOR CO	FRANKLIN, IN	US	46131
03317	AEG-TELEFUNKEN CORP	ENGLEWOOD, NJ	US	07632
03334	NV PHILIPS ELCOMA	EINDHOVEN	NE	02876
03352	SWISS AUTOMATICS INC	COLUMBUS, NE	US	68601
03371	USM CORP NYLOK FASTENER DIV	TORRANCE, CA	US	90501
03380	GRIES/DYNACAST CO DIV COATES-CLARK	NEW ROCHELLE, NY	US	10802
03389	VARADYNE INC	SANTA MONICA, CA	US	90404
03394	METHODE ELECTRONICS INC	CHICAGO, IL	US	60656
03395	MEPCO/CENTRALAB INC	WEST PALM BEACH, FL	US	33407
03406	NATIONAL SEMICONDUCTOR CORP	SANTA CLARA, CA	US	95052
03412	CORNING GLASS WORKS (WILMINGTON)	WILMINGTON, NC	US	28401
03418	MOLEX INC	LISLE, IL	US	60532
03428	NONOTUCK MFG CO	HADLEY FALLS, MA	US	01075
03441	F-DYNE ELECTRONICS CO	BRIDGEPORT, CT	US	06605
03521	JOHANSON DIELECTRICS INC	BURBANK, CA	US	91510
03530	STACKPOLE COMPONENT CO	RALEIGH, NC	US	27620
03545	TELEDYNE PHILBRICK NEXUS	DEDHAM, MA	US	02026
	CARTER SEMICONDUCTORS	LOWELL, MA	US	01850
03621	M/A-COM CABLEWAVE MINI PROD	BURLINGTON, MA	US	01803
03627	SOLID STATE DEVICES INC	LA MIRADA, CA	US	90638
03647	INSTRUMENT SPECIALTIES CO INC	DEL WATER GAP, PA	US	07424
03651	MEPCO/ELECTRA CORP	SAN DIEGO, CA	US	92121
03658	ALPHA IND MICROELECTRONICS DIVISION	COLMAR, PA	US	18915
03706	WEST-CAP ARIZONA	SAN FERNANDO, CA	US	91340

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
03714	INTERSIL INC	CUPERTINO, CA	CA	95014
03724	BIVAR INC	SANTA ANA, CA	US	92705
03740	ERIE TECH PROD INC ERIE FREQ CONT	CARLISLE, PA	US	17013
	BOURNS INC	RIVERSIDE, CA	US	92507
03746	SPECTRUM CONTROL INC	ERIE, PA	US	16505
03747	COLORADO CRYSTAL CORP	LOVELAND, CO	US	80537
03762		BOZEMAN, MT	US	59771
	SILICON GENERAL INC	SAN JOSE, CA	US	95134
1	ADVANCED MICRO DEVICES INC	SUNNYVALE, CA	US	94086
ı	MOTOROLA INC	FRANKLIN PARK, IL	US	60131
ŀ	HARRIS CORP	MELBOURNE, FL	US	32901
	INTEL CORP	SANTA CLARA, CA	US	95054
1	FAIR RITE PRODUCTS CORP	WALLKILL, NY	US	12589
	MICROSYSTEMS INTERNATIONAL LTD	OTTAWA	CN	12000
	GENERAL ELECTRIC CO	PHILADELPHIA, PA	US	19124
	SIEMENS CORP	ISELIN, NJ	US	08830
1	MIDLAND-ROSS CORP	CLEVELAND, OH	US	44113
1	OHMITE MFG CO	SKOKIE, IL	US	60076
	HP DIV 45 NMD	SANTA ROSA, CA	US	95401
	LABINAL COMPONENTS & SYSTEMS INC	ELK GROVE VILLA, IL	US	60007
	SGS-THOMSON MICROELECTRONICS INC	PHOENIX, AZ	US	85022
	MONOLITHIC MEMORIES INC	SANTA CLARA, CA	US	95054
04121		HAVERHILL, MA	US	01830
1	VICLAN INC	SAN DIEGO, CA	US	92138
	SANGAMO ELECTRIC CO	SPRINGFIELD, IL	US	62702
	AHAM-TOR	RANCHO, CA	US	91702
	SHALLCROSS INC	NORTHBROK, IL	US	60062
	SPRAGUE ELECTRIC CO	LEXINGTON, MA	US	02173
	SPS TECHNOLOGIES	NEWTOWN, PA	US	18940
	STIMPSON EDWIN B CO INC	BROOKLYN, NY	US	11705
	THOMAS & BETTS CORP	RARITAN, NJ	US	08869
1	DELBERT BLINN CO	POMONA, CA	US	91766
1 3	INSULECTRO CORP	BURLINGAME, CA	US	94010
l	VLN CORP VICTOREEN INSTRUMENT DIV	CLEVELAND, OH	US	44103
l I	AMETEK INC	PAOLI, PA	US	19301
l I	CENTRE ENGINEERING INC	STATE COLLEGE, PA	US	16801
i I	ALLEN MFG CO	HARTFORD, CT	US	06101
	G.E. CERAMICS, INC.	CHATTANOOGA, TN	US	37405
ł I	BLILEY ELECTRIC CO	ERIE, PA	US	16508
· .	BRAND REX CO	WILLIMANTIC, CT	US	06226
	CAMBRIDGE THERMIONIC CORP	CAMBRIDGE, MA	US	02138
	ITT CORP	NEW YORK, NY	US	10022
	CENTRALAB INC	MILWAUKEE, WI	US	53209
	GENERAL INSTRUMENT CORP	CLIFTON, NJ	US	07012
	TRW INC	CLEVELAND, OH	US	44124
	DOW CORNING CORP	MIDLAND, MI	US	48641

Table 2. Manufacturers Code List (continued)

Mr.	Manufacturer Name	A 42	C	ZIP
Mfr Code	Manuiacturer Name	Address	Country	Code
04522	ELECTRO MOTIVE CORP	FLORENCE, SC	US	06226
04550	GENERAL ELECTRIC CO	FAIRFIELD, CT	US	06430
04563	ERIE TECHNOLOGICAL PRODUCTS INC	ERIE, PA	US	16512
04564	ESSEX INTERNATIONAL INC	FORT WAYNE, IN	US	46804
04567	ITT HARPER DIV	CHICAGO, IL	US	60606
04568	BECKMAN INDUSTRIAL CORP	FULLERTON, CA	US	92635
04581	BARWOOD MFG CORP	EVERETT, MA	US	02149
04605	FISCHER SPECIAL MFG CO	CINCINNATI, OH	US	45206
04615	J F D ELECTRONICS CORP	BROOKLYN, NY	US	11219
04645	SIGNALITE DIV GENERAL INST CORP	NEPTUNE, NJ	US	07753
04648	PIEZO CRYSTAL CO	CARLSILE, PA	US	17013
04670	EF JOHNSON CO	WASECA, MN	US	56093
04672	TRW INC PHILADELPHIA DIV	PHILADELPHIA, PA	US	19108
04703	LITTELFUSE INC	DES PLAINES, IL	US	60016
04719	MARWEDEL C W	SAN FRANCISCO, CA	US	94103
04726	зм со	ST PAUL, MN	US	55144
04733	BELL INDUSTRIES INC MILLER JW DIV	COMPTON, CA	US	90224
04757	OAK SWITCH SYSTEMS INC	CRYSTAL LAKE, IL	US	60014
04776	POTTER & BRUMFIELD INC	PRINCETON, IN	US	47671
04805	ILLINOIS TOOL WORKS INC SHAKEPROOF	ELGIN, IL	US	60126
04821	TILLEY MFG CO	MORGAN HILL, CA	US	94070
04822	STACKPOLE CARBON CO	ST MARYS, PA	US	15857
04828	TINNERMAN PRODUCTS INC	CLEVELAND, OH	US	44101
04830	STEWART STAMPING CORP	YONKERS, NY	US	10704
04853	VARFLEX CORP	ROME, NY	US	13440
04880	ZIERICK MFG CO	MT KISCO, NY	US	10549
04935	MEPCO ELECTRA CORP	MORRISTOWN, NJ	US	07960
04939	SCHNITZER ALLOY PRODUCTS CO	ELIZABETH, NJ	US	07206
04977	ITT CORP COMPONENTS DIV	NEW YORK, NY	US	10022
04990	GRAYHILL INC	LA GRANGE, IL	US	60525
05016	MONITOR PRODUCTS CO INC	OCEANSIDE, CA	US	92054
05065	TEXAS INSTRUMENTS INC	ATTLEBORO, MA	US	02703
05088	VARO INC	GARLAND, TX	US	75046
05098	VICTORY ENGINEERING CORP	SPRINGFIELD, NJ	US	07081
05108	KULKA-SMITH INC	MANASQUAN, NJ	US	08736
05131	ELECTRONIC DEVICES INC	YONKERS, NY	US	10710
05160	VRN INTERNATIONAL	ST PETERSBURG, FL	US	33710
05176	AMERICAN SHIZUKI CORP	CANOGA PARK, CA	US	91304
05232	BRADY W H CO	MILWAUKEE, WI	US	53209
05293	PRECISION METAL PRODUCT CO	STONEHAM, MA	US	02180
05347	UNIMICA	NEW YORK, NY	US	10013
05350	WILMINGTON FIBRE SPECIALTY CO	NEW CASTLE, DE	US	19720
05364	LITTON PRECISION PROD INC	VAN NUYS, CA	US	91409
05368	FCP INC	OLATHE, KS	US	66062
05400	REESE J RAMSEY INC	NEW YORK, NY	US	10007
05436	BURR-BROWN CORP	TUCSON, AZ	US	85706

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
	BERGQUIST CO	MINNEAPOLIS, MN	US	55420
1	ICO-RALLY CORP	SUNNYVALE, CA	US	94303
05461	ITT HARPER INC	MORTON GROVE, IL	US	60053
	EMHART CORP	FARMINGTON, CT	US	06032
	MILLER DIAL & NAMEPLATE CO	EL MONTE, CA	US	91734
	AUGAT INC	MANSFIELD, MA	US	02048
	DALE ELECTRONICS INC	COLUMBUS, NE	US	68601
í	KEYSTONE ELECTRONICS CORP	NEW YORK, NY	US	10012
	NATIONAL TEL TRONICS CORP	YONKERS, NY	US	10701
05559	ALPHA WIRE CORP	ELIZABETH, NJ	US	07207
05568	JACOBSON MFG CO INC	KENILWORTH, NJ	US	07033
	UNIFORM TUBES	COLLEGEVILLE, PA	US	19426
05623	CAMDEN WIRE CO INC	CAMDEN, NY	US	13316
1	WESTON COMPONENTS	ARCHBALD, PA	US	18403
	MAGNECRAFT ELECTRIC CO	CHICAGO, IL	US	60630
	ALCO ELECTRONIC PRODUCTS INC	NORTH ANDOVER, MA	US	01845
	VITRAMON INC	MONROE, CT	US	06468
05683	WECKESSER CO INC	CHICAGO, IL	US	60641
05704	SAN FERNANDO ELECTRIC MFG CO	SAN FERNANDO, CA	US	91341
05742	P C A ELECTRONICS INC	SEPULVEDA, CA	US	91343
05768	MALCO-A MICRODOT CO	PASADENA, CA	US	91030
05769	ITT SEALECTRO CORP	TRUMBULL, CT	US	06611
05792	INTL ELECTRONIC RESEARCH CORP	BURBANK, CA	US	91502
05809	MARSHALL IND CAPACITOR DIV	MONROVIA, CA	US	91016
05826	AMER PRCN IND INC DELEVAN DIV	AURORA, NY	US	14052
05879	AMPHENOL CORPORATION	DANBURY, CT	US	06810
05917	RIFA AB	STOCKHOLM	sw	S-163
05943	TEXAS INSTRUMENTS DEUTSCHLAND GMBH	FREISING	GM	8050
05946	VALVO GMBH	HAMBURG	GM	2000
05951	WICKMANN-WERKE A G	WITTEN-ANNEN	GM	5870
05959	MARQUARDT GMBH	RIETHEIM	GM	D-720
05967	VTM A/S	GLOSTRUP	DK	2080
05982	CELDUC CONSTR ELECTRIQUES DU CENTRE	SORBIERS	FR	42
05985	SESCOSEM	SAINT EGREVE	FR	75781
05992	EFCO COMPOSANTS	NANTERRE	$\mathbf{F}\mathbf{R}$	
05993	CORNING GLASS EUROPE SOVCOR	LE VESINET	$\mathbf{F}\mathbf{R}$	
06003	SESCOSEM (63)	PARIS	\mathbf{FR}	75781
06032	STC/STANTEL	DEVON	EG	
06039	SEALECTRO LTD	PORTSMOUTH	EG	
06058	BOURNS TRIMPOT LTD	MIDDLESEX	EG	
06118	ROEDERSTEIN/RESISTA GMBH	LANDSHUT	GM	8300
06121	SIEMENS AG	MUNICH	GM	8000
06127	WIMA	MANNHEIM	GM	6800
06252	AB ELEKTRONIK GMBH	SALZBURG A		A-501
06328	SCHURTER AG	LUZERN SW		CH-60
06330	CONDENSATEURS FRIBOURG S A	FRIBOURG	sw	

Table 2. Manufacturers Code List (continued)

Mfr	Manufacturer Name	Address	Country	ZIP
Code	DIM I IDG GLODII AMBENE DEBUEN N. V.	EINDHOVEN	177	Code
	PHILLIPS GLOEILAMPENFABRIEKEN N V		HL	
	FUJITSU MICROELECTRONICS INC	SANTA CLARA, CA	US	95054
	HITACHI AMERICA LTD	SUNNYVALE, CA	US	94086
	TDK CORPORATION OF AMERICA	SKOKIE, IL	US	60076
l	TOSHIBA CORP	TOKYO	JP	
1	E-SIL COMPONENTS LTD	SUNDERLAND	EG	SR4 6
	BARBER & COLEMAN LTD	SALE CHES	EG	
	SIEMENS CORP COMPONENTS GROUP	SCOTTSDALE, AZ	US	85252
	AEG-TELEFUNKEN	HEILBRONN	GM	7100
06665	SAMTEC	NEW ALBANY, IN	US	47150
	MIDWEST COMPONENTS	MUSKEGON, MI	US	49443
06857	TRAK MICROWAVE CORP	TAMPA, FL	US	33614
06860	HUBER & SUHNER AG	HERISAU	SW	
06900	JUDD WIRE	BURLINGTON, MA	US	01803
06916	SONY CORP	тоуко	JP	141
06951	TRW RESISTIVE PRODUCTS DIV	CORPUS CHRISTI, TX	US	78411
07041	R.A.F. ELECTRONIC HARDWARE INC	STRATFORD, CT	US	06497
07050	MICRO POWER SYSTEMS	SANTA CLARA, CA	US	95050
07158	EATON CORP	CLEVELAND, OH	US	44144
07179	AAVID ENGINEERING INC	LACONIA, NH	US	03247
07221	SUPERTEX INC	SUNNYVALE, CA	US	94086
07284	PAKTRON DIV ITW	VIENNA, VA	US	22180
07338	J K L COMPONENTS CORP	LOS ANGELES, CA	US	90064
07379	SAN-O INDUSTRIAL CORP	BOHEMIA LI, NY	US	11716
07398	BEL FUSE INC	JERSEY CITY, NJ	US	07302
07477	AMERICAN OIL & SUPPLY CO	NEWARK, NJ	US	07105
07766	LA RADIOTECHNIQUE COMPELEC	VILLEVRBANNE	FR	
07798	REMTEK CORP	SUNNYVALE, CA	US	
08097	SPRAGUE-GOODMAN ELECTRONICS	NEW HYDE PARK, NY	US	11040
08113	KAHGAN ELECTRONICS CORP	HEMPSTEAD, NY	US	11550
08123	COIL-Q CORP	BRONXVILLE, NY	US	
08259	DALE ELECTRONICS INC	TEMPE, AZ	US	85252
08261	STAR MICRONICS INC	NEW YORK, NY	US	
08335	SOURIAU INC	SAUGUS, CA	US	95203
08369	FILECA	STE GENEVIEVE	FR	
08560	OXLEY DEV LTD	CUMBRIA	EG	:
08666	PANEL COMPONENTS CORP	SANTA ROSA, CA	US	
08709	PANASONIC INDUSTRIAL CO	SECAUCUS, NJ	US	07094
08778	MADISON CABLE CORP	WORCHESTER, MA	US	01603
08779	MITSUBISHI ELECTRONICS AMERICA	SUNNYVALE, CA	US	94086
08781	CATALYST RESEARCH CORP	BALTIMORE, MD	US	
08810	ROCKWELL INTERNATIONAL	ANAHEIM, CA	US	
08838	AND (ALPHA NUMERIC DISPLAYS)	BURLINGAME, CA	US	
08852	METELICS CORP	SUNNYVALE, CA	US	
09043	GLOW-LITE DIV OF DUTCH BOY	PAULS VALLEY, OK	US	
09050	XENELL	WYNNEWOOD, OK	US	

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
 	ASJ PTE LTD	JURONG TOWN	SG	
	RHOMBUS INDUSTRIES INC	HUNTINGTON BEACH, CA	US	92649
09226	NEC ELECTRONICS INC	SANTA CLARA, CA	US	
09235	FOX ELECTRONICS	FT MEYERS, FL	US	33910
09283	TOPAZ SEMICONDUCTOR	SAN JOSE, CA	US	95132
	APPLIED ENGINEERING PRODUCT CO	HAMDEM, CT	US	
09448	WAMCO INC	FOUNTAIN VALLEY, CA	US	
09454	PRECISION RESISTIVE PRODS INC	MEDIAPOLIS, IA	US	52637
09507	HEWLETT PACKARD CO, MID	SANTA ROSA, CA	US	95403
1	TUSONIX	TUCSON, AZ	US	85740
09694	ELECTRONIC ESSENTIALS	WOODSIDE, NY	US	
09849	NDK AMERICA INC	CUPERTINO, CA	US	54014
1 1	KOWASANGYO CORP	токуо	JР	
	CERA-MITE CORP	GRAFTON, WI	US	53024
1 1	HITACHI CABLE LTD	токуо	JP	
1	UNITRODE CORP	LEXINGTON, MA	US	
09939	MURATA ERIE NORTH AMERICA INC	SMYRNA, GA	US	30080
09955	BOYD CORP	DENVER, CO	US	
10183	TADIRAN	TEL-AVIV	IS	
10200	ELECTRONIC CONCEPTS INC	EATONTOWN, NJ	US	
10290	COMMODORE SEMICONDUCTOR GROUP	NORRISTOWN, PA	US	
10302	CENTENNIAL PLASTICS	YELLVIELLE, AR	US	
10358	VOGT AG	LOSTORF	GM	
10401	NEW SYSTEMS MOLDING CORP	LOVELAND, CO	US	80537
10407	LSI LOGIC CORP	MILPITAS, CA	US	95035
10421	EPSON	TORRENCE, CA	US	
10443	HP DIV 64 NID	CORVALLIS, OR	US	
10456	PLASTEC PRODUCTS INC	FORT COLLINS, CO	US	
10457	JERMYN INDUSTRIES LTD (63)	KENT SEVENOAKS	EG	
10481	DALE ELECTRONICS INC	NORFOLK, NE	US	68701
10549	SCI MANUFACTURING INC	HUNTSVILLE, AL	US	35805
10572	XICOR, INC	MILPITAS, CA	US	
10631	GASKET SPECIALTIES	BRISBANE, CA	US	
10784	SHINNITTOKU ELECTRIC CO LTD	MINATO-KU TOKYO	JP	145
10795	STANDEX - PAUL SMITH DIVISION	CINCINNATI, OH	US	
10858	LINEAR TECHNOLOGY CORP	MILPITAS, CA	US	95035
10881	THOMSON-CSF	COURBEVOIE	FR	
10905	FIRA	LYON	FR	
i I	TEKA PRODUCTS INC	WOODSIDE, NY	US	
11111	SEEQ TECHNOLOGY INC	SAN JOSE, CA	us	
11171	SYNERGY MICROWAVE CORP	FAIRFIELD, NJ	US	
l	VLSI TECHNOLOGY INC	SAN JOSE, CA	US	95131
11212	INDUCTOR SUPPLY, INC.	HUNTINGTON BEACH, CA	US	
l I	MICRON DIV OF R G ALLEN CO INC	NORTH HOLLYWOOD, CA	US	
11263	W GUNTHER GMBH	NURNBERG	GM	
11298	AVEL-LINDBURG	DANBURY	CT	

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
11345	CYPRESS SEMICONDUCTOR CORP	SAN JOSE, CA	US	95134
11357	BRISTOL ROYAL WORKSHOP BLIND	BRISTOL	EG	
11412	ISOLANTITE MFG COMPANY INC	STIRLING, NJ	US	
11421	KYOCERA CORPORATION	куото	JР	
11599	MICRO-COAX COMPONENTS, INC	COLLEGEVILLE, PA	US	19426
11677	SARONIX	PALO ALTO, CA	US	
11684	JOSLYN DEFENSE SYSTEMS INC	BURLINGTON, VT	US	05401
11686	KYUSHU DENTSU CO LTD	NAGASAKI	JР	
11699	CENTRAL SEMICONDUCTOR CORP	HAUPPAUGE, NY	US	11788
11703	POWER GENERAL	CANTON, MA	US	
11708	THOMSON SEMICONDUCTORS	VELIZY VILLACOU	FR	78140
11723	CTL COMPONENTS LTD	LONDON	EG	SW19
11781	MIDLAND-ROSS CORP	LIVINGSTON, NJ	US	07039
11844	ELECTREY S A	MONTERREY	MX	64000
11892	EVOX/RIFA INC	LINCOLNSHIRE, IL	US	60015
11920	MIYAMA DENSEN CO LTD	токуо	JP	
11946	BKC INTERNATIONAL ELECTRONICS	LAWRENCE, MA	US	01841
11961	ALEXCO ENGINEERING SUPPLIES	COWDENBEATH	EG	KY4 9
11981	POWEREX	YOUNGWOOD, PA	US	15697
12125	SAMSUNG SEMICONDUCTOR INC	SANTA CLARA, CA	US	95054
12127	RF MONOLITHICS INC	DALLAS, TX	US	75234
12131	PRESIDIO COMPONENTS INC	SAN DIEGO, CA	US	92121
12186	DALLAS SEMICONDUCTOR CORP	DALLAS, TX	US	75244
12213	STACKPOLE ELECTRONICS INC	RALEIGH, NC	US	27620
12261	ERIE SPECIALTY PRODUCTS INC	ERIE, PA	US	16512
12340	KEMET ELECTRONICS CORPORATION	GREENVILLE, SC	US	29606
12355	INTERCONNECTION PRODUCTS INC	SANTA ANA, CA	US	92707
12382	LATTICE SEMICONDUCTOR CORP	BEAVERTON, OR	US	97006
12395	FEI MICROWAVE, INC.	SUNNYVALE, CA	US	94086
12418	OWL WIRE AND CABLE	CANASTATA, NY	US	13032
12456	WIRE PRO INC	SALEM, NJ	US	08079
12465	INTERNATIONAL POWER DEVICES	BRIGHTON, MA	US	02135
12473	AVX-RALEIGH DIVISION	RALEIGH, NC	US	27604
12482	BRADFORD ELECTRONICS INC	BRADFORD, PA	US	16701
12513	BUNNELL PLASTICS, INC	MICKLETON, NJ	US	08056
12516	MICROTRONICS ASSOCIATES PTE LTD	SINGAPORE	SG	1334
12580	SOUTH AMERICAN DEVELOPMENT CO	HYDE PARK, NY	US	12538
12656	BEYSCHLAG GMBH	HEIDE	$\mathbf{G}\mathbf{M}$	
12703	CHAMPION TECHNOLOGIES INC	FRANKLIN PARK, IL	US	60131
12830	KETEMA	BENSALEM, PA	US	19020
12845	WARTH INTERNATIONAL LTD	EAST GRINSTEAD	EG	RH192
12896	DOWKEY MICROWAVE INC	VENTURA, CA	US	93003
28480	HEWLETT PACKARD CO	CUPERTINO,CA	US	95014

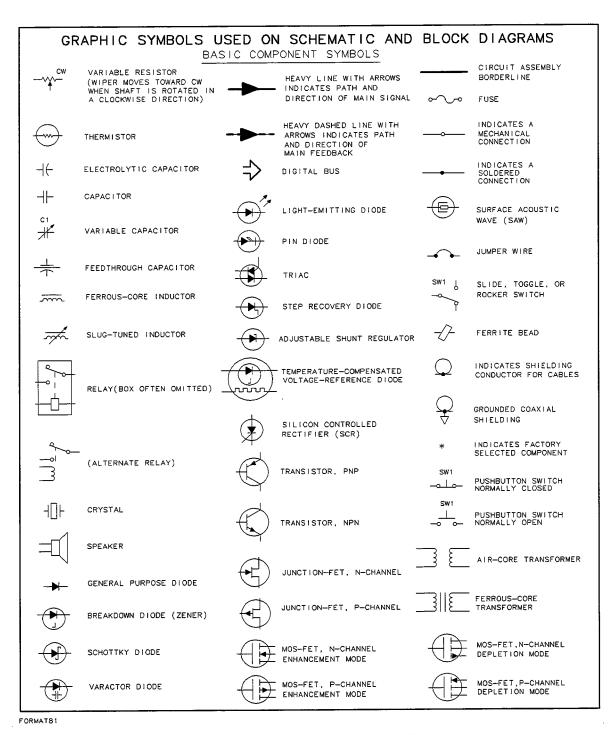


Figure 1. Graphics Symbols (1 of 2)

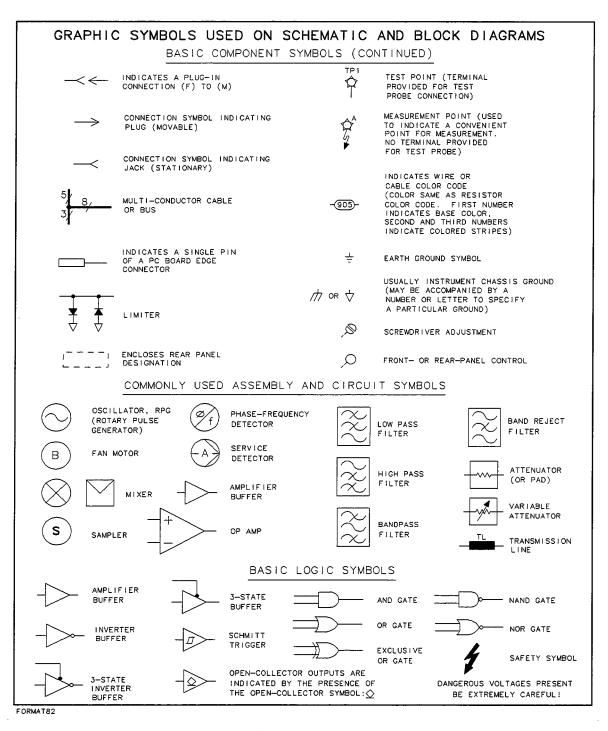


Figure 1. Graphics Symbols (2 of 2)

1) 11×17 General Brawing

Component-Level Information Packet for 08590-60201

Keyboard



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HP Part Number 08590-60201 Keyboard

Reference Designator			Description		Mfr Part Number
J1	1252-1065	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-1065
J2	1252-2043	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2043
Ј3	1251-7678	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-7678

2)11×17 08590-60201-2

3) 11×17 08590-60201-1

Component-Level Information Packet for 08569-60026

Comb Generator



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HP Part Number 08569-60026 **Comb Generator**

C1 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0160-0127 C2 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0160-0127 C3 0121-0451 1 CAP-VAR 11pF 1.7pF 175 V AIR 28480 0160-0127 C4 0160-4793 1 CAP-FXD 6.8pF +-7.35% 100 V CER C0G 28480 0160-4802 C7 0160-4802 1 CAP-FXD 150pF +-5% 100 V CER C0G 28480 0160-4802 C8 0160-4796 1 CAP-FXD 12pF +-5% 100 V CER C0G 28480 0160-4802 C10 0160-4790 1 CAP-FXD 12pF +-5% 100 V CER C0G 28480 0160-4802 C12 0160-4521 1 CAP-FXD 12pF +-5% 100 V CER C0G 28480 0160-4574 C12 0160-4521 1 CAP-FXD 12pF +-5% 100 V CER C0G 28480 0160-4574 C12 0160-4521 1 CAP-FXD 12pF +-5% 200 V CER C0G 28480 0160-4574 C12 0160-4521 1 CAP-FXD 12pF +-5% 50 V CER Z5U 28480 0160-0127	Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C3 0121-0451 1 CAP-VAR 11pF 1.7pF 175 V AIR 28480 0121-0451 C4 0160-4793 1 CAP-FXD 6.8pF +-7.35% 100 V CER COG 28480 0160-4793 C5 0121-0451 1 CAP-FXD 6.8pF +-7.35% 100 V CER COG 28480 0160-4793 C6 0160-4802 1 CAP-FXD 82pF +-5% 100 V CER COG 28480 0160-4804 C7 0160-4802 1 CAP-FXD 82pF +-5% 100 V CER COG 28480 0160-4802 C8 0160-4790 1 CAP-FXD 12pF +-5% 100 V CER COG 28480 0160-4802 C10 0160-4674 1 CAP-FXD 12pF +-5% 100 V CER COG 28480 0160-4802 C11 0160-4574 1 CAP-FXD 12pF +-5% 100 V CER COG 28480 0160-4802 C12 0160-4521 1 CAP-FXD 12pF +-5% 200 V CER COG 28480 0160-4521 C13 0160-0127 1 CAP-FXD 15uF +-20% 50 V CER Z5U 28480 0160-0127 C14 0180-8881 1 CAP-FXD 15uF +-20% 50 V CER 25480 0160-0127	C1	0160-0127	1	CAP-FXD 1uF +-20% 50 V CER Z5U	28480	0160-0127
C4 0160-4793 1 CAP-FXD 6.8pF +7.35% 100 V CER COG 28480 0160-4793 C5 0121-0451 1 CAP-VAR 11pF 1.7pF 175 V AIR 28480 0121-0451 C6 0160-4814 1 CAP-FXD 150pF +5% 100 V CER COG 28480 0160-4814 C7 0160-4802 1 CAP-FXD 27pF +5% 100 V CER COG 28480 0160-4802 C8 0160-4786 1 CAP-FXD 27pF +5% 100 V CER COG 28480 0160-4786 C10 0160-4574 1 CAP-FXD 12pF +5% 100 V CER COG 28480 0160-4790 C11 0160-4574 1 CAP-FXD 12pF +-5% 200 V CER COG 28480 0160-4574 C12 0160-4521 1 CAP-FXD 12pF +-5% 200 V CER COG 28480 0160-4574 C12 0160-0127 1 CAP-FXD 15pF +5% 200 V CER Z5U 28480 0160-0127 C14 0180-3888 1 CAP-FXD 15pF +5% 200 V CER Z5U 28480 0160-0127 CR1 1901-0050 1 CAP-FXD 15pF +5% 200 V CER Z5U 28480 0160-0127 <t< td=""><td>C2</td><td>0160-0127</td><td>1</td><td>CAP-FXD $1uF + 20\%$ 50 V CER Z5U</td><td>28480</td><td>0160-0127</td></t<>	C2	0160-0127	1	CAP-FXD $1uF + 20\%$ 50 V CER Z5U	28480	0160-0127
C5 0121-0451 1 CAP-VAR 11pF 1.7pF 175 V AIR 28480 0121-0451 C6 0160-4802 1 CAP-FXD 150pF +-5% 100 V CER COG 28480 0160-4802 C7 0160-4802 1 CAP-FXD 82pF +-5% 100 V CER COG 28480 0160-4802 C8 0160-4766 1 CAP-FXD 27pF +-5% 100 V CER COG 28480 0160-4802 C10 0160-4790 1 CAP-FXD 12pF +-5% 100 V CER COG 28480 0160-4790 C11 0160-4574 1 CAP-FXD 12pF +-5% 100 V CER COG 28480 0160-4574 C12 0160-4521 1 CAP-FXD 12pF +-5% 200 V CER COG 28480 0160-4521 C13 0160-0127 1 CAP-FXD 15uF +-10% 25 V TA 28480 0160-0127 C14 0180-3888 1 CAP-FXD 15uF +-10% 25 V TA 28480 0160-0127 C15 0121-0046 1 CAP-VAR 35pF 9pF 200 V CER 28480 0121-0046 C17 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0121-0046 C17	C3	0121-0451	1	CAP-VAR 11pF 1.7pF 175 V AIR	28480	0121-0451
C6 0160-4814 1 CAP-FXD 150pF +-5% 100 V CER COG 28480 0160-4804 C7 0160-4802 1 CAP-FXD 82pF +-5% 100 V CER COG 28480 0160-4802 C8 0160-4780 1 CAP-FXD 27pF +-5% 100 V CER COG 28480 0160-4790 C11 0160-4574 1 CAP-FXD 12pF +-5% 100 V CER COG 28480 0160-4790 C12 0160-4521 1 CAP-FXD 12pF +-5% 200 V CER COG 28480 0160-4574 C12 0160-4521 1 CAP-FXD 12pF +-5% 200 V CER COG 28480 0160-4521 C13 0160-0127 1 CAP-FXD 15uF +-10% 25 V TA 28480 0160-0127 C14 0180-3888 1 CAP-FXD 15uF +-10% 25 V TA 28480 0160-0127 C15 0121-0046 1 CAP-FXD 15uF +-20% 50 V CER Z5U 28480 0160-0127 CR1 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR2 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR3 <t< td=""><td>C4</td><td>0160-4793</td><td>1</td><td>CAP-FXD 6.8pF +-7.35% 100 V CER C0G</td><td>28480</td><td>0160-4793</td></t<>	C4	0160-4793	1	CAP-FXD 6.8pF +-7.35% 100 V CER C0G	28480	0160-4793
C7 0160-4802 1 CAP-FXD 82pF +-5% 100 V CER COG 28480 0160-4802 C8 0160-4786 1 CAP-FXD 27pF +-5% 100 V CER COG 28480 0160-4786 C10 0160-4790 1 CAP-FXD 12pF +-5% 100 V CER COG 28480 0160-4790 C11 0160-4574 1 CAP-FXD 12pF +-5% 200 V CER COG 28480 0160-4574 C12 0160-4521 1 CAP-FXD 12pF +-5% 200 V CER COG 28480 0160-4521 C13 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0160-0127 C14 0180-3888 1 CAP-FXD 1uF +-20% 50 V CER 28480 0160-0127 C15 0121-0046 1 CAP-FXD 1uF +-20% 50 V CER 28480 0160-0127 C16 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0160-0127 C17 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0160-0127 CR1 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 0160-0127 CR1	C5	0121-0451	1	CAP-VAR 11pF 1.7pF 175 V AIR	28480	0121-0451
C8 0160-4786 1 CAP-FXD 27pF +-5% 100 V CER COG 28480 0160-4786 C10 0160-4790 1 CAP-FXD 12pF +-5% 100 V CER COG 28480 0160-4790 C11 0160-4574 1 CAP-FXD 12pF +-5% 100 V CER COG 28480 0160-4574 C12 0160-4521 1 CAP-FXD 12pF +-5% 200 V CER COG 28480 0160-4521 C13 0160-0127 1 CAP-FXD 15uF +-20% 50 V CER Z5U 28480 0160-0127 C14 0180-3888 1 CAP-FXD 15uF +-10% 25 V TA 28480 0180-3888 C15 0121-0046 1 CAP-FXD 1uF +-20% 50 V CER 28480 0121-0046 C17 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0160-0127 CR1 1901-0550 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0539 CR2 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR3 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR4	C6	0160-4814	1	CAP-FXD 150pF +-5% 100 V CER COG	28480	0160-4814
C10 0160-4790 1 CAP-FXD 12pF +-5% 100 V CER COG 28480 0160-4790 C11 0160-4574 1 CAP-FXD 1000pF +-10% 100 V CER X7R 28480 0160-4574 C12 0160-4521 1 CAP-FXD 12pF +-5% 200 V CER COG 28480 0160-4521 C13 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0160-0127 C14 0180-3888 1 CAP-FXD 1uF +-20% 50 V CER 28480 0160-0127 C15 0121-0046 1 CAP-VAR 35pF 9pF 200 V CER 28480 0160-0127 CR1 1901-0050 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR2 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR3 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR4 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR5 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR6 1901-0539 <t< td=""><td>C7</td><td>0160-4802</td><td>1</td><td>CAP-FXD 82pF +-5% 100 V CER C0G</td><td>28480</td><td>0160-4802</td></t<>	C7	0160-4802	1	CAP-FXD 82pF +-5% 100 V CER C0G	28480	0160-4802
C11 0160-4574 1 CAP-FXD 1000pF +-10% 100 V CER X7R 28480 0160-4574 C12 0160-4521 1 CAP-FXD 12pF +-5% 200 V CER C0G 28480 0160-4521 C13 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0160-0127 C14 0180-3888 1 CAP-FXD 1suF +-10% 25 V TA 28480 0180-3888 C15 0121-0046 1 CAP-VAR 35pF 9pF 200 V CER 28480 0121-0046 C17 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0121-0046 C17 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0121-0046 C17 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0160-0127 CR1 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR2 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR4 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR5 1901-053	C8	0160-4786	1	CAP-FXD 27pF +-5% 100 V CER C0G	28480	0160-4786
C12	C10	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C13 0160-0127 1 CAP-FXD 1uF +20% 50 V CER Z5U 28480 0160-0127 C14 0180-3888 1 CAP-FXD 15uF +-10% 25 V TA 28480 0180-3888 C15 0121-0046 1 CAP-VAR 35pF 9pF 200 V CER 28480 0121-0046 C17 0160-0127 1 CAP-FXD 1uF +20% 50 V CER Z5U 28480 0121-0046 CR1 1901-0539 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0539 CR2 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR3 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR4 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR5 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR6 19010-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR7 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR5 1901-0539 1	C11	0160-4574	1	CAP-FXD 1000 _P F +-10% 100 V CER X7R	28480	0160-4574
C14 0180-3888 1 CAP-FXD 15uF +-10% 25 V TA 28480 0180-3888 C15 0121-0046 1 CAP-VAR 35pF 9pF 200 V CER 28480 0121-0046 C17 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0121-0046 CR1 1901-0509 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0539 CR2 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR3 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR4 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR5 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR6 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR7 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR5 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR5 1901-0539 1 <t< td=""><td>C12</td><td>0160-4521</td><td>1</td><td>CAP-FXD 12pF +-5% 200 V CER C0G</td><td>28480</td><td>0160-4521</td></t<>	C12	0160-4521	1	CAP-FXD 12pF +-5% 200 V CER C0G	28480	0160-4521
C15 0121-0046 1 CAP-VAR 35pF 9pF 200 V CER 28480 0121-0046 C17 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0160-0127 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0539 CR2 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR3 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR4 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR5 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 E1 9170-0847 1 CORE-SHIELDING BEAD 28480 1901-0539 E1 9170-0847 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L2 9140-0141 1 INDUCTOR RF-CH-MLD 390nH +-10% 28480 9100-2249 L4 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L5 9100-2891 1<	C13	0160-0127	1	CAP-FXD 1uF +-20% 50 V CER Z5U	28480	0160-0127
C17 0160-0127 1 CAP-FXD 1uF +-20% 50 V CER Z5U 28480 0160-0127 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0539 CR2 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR3 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR4 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR5 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 E1 9170-0847 1 CORE-SHIELDING BEAD 28480 1901-0539 L1 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L2 9140-0141 1 INDUCTOR RF-CH-MLD 390nH +-10% 28480 9100-2254 L4 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L5 9100-2891 1 INDUCTOR RF-CH-MLD 100nH +-10% 28480 9100-2249 L6 9100-2247 <td< td=""><td>C14</td><td>0180-3888</td><td>1</td><td>CAP-FXD 15uF +-10% 25 V TA</td><td>28480</td><td>0180-3888</td></td<>	C14	0180-3888	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3888
CR1 1901-0500 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0509 CR2 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR3 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR4 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR5 1900-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L2 9140-0141 1 INDUCTOR RF-CH-MLD 680nH +-10% 28480 9100-2249 L4 9100-2254 1 INDUCTOR RF-CH-MLD 390nH +-10% 28480 9100-2254 L4 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L6 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L6 9100-2247 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2247 MP2 1205-0226 1 HEAT SINK SGL TO-5/TO-39-CS 02608 1115B MP4 08569-20026 1 COMB GEN PC BD 28480 08569-2002 Q1 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q3 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q3 1854-0784 1 TRANSISTOR NPN 2N3866A SI TO-39 PD=5W 28480 1854-0247 R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0757-0279 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	C15	0121-0046	1	CAP-VAR 35pF 9pF 200 V CER	28480	0121-0046
CR2 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 1 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 1 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 1 1901-0539 1 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 1 1901-0539 1 1901-0539 1 1901-0539 1 1901-0539 1 1901-0539 1 1901-0539 1 1901-0539 1 1901-0539 1 1901-0539 1 1901-0539 1 1901-0539 1 1901-0539 1 1901-0539 1 1901-0539 1900-2449 1 1901-0539 1 1901-0539 1 1901-0539 1901-0539<	C17	0160-0127	1	CAP-FXD 1uF +-20% 50 V CER Z5U	28480	0160-0127
CR3	CR1	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR4 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 CR5 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 E1 9170-0847 1 CORE-SHIELDING BEAD 28480 9170-0847 L1 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L2 9140-0141 1 INDUCTOR RF-CH-MLD 680nH +-10% 28480 9140-0141 L3 9100-2254 1 INDUCTOR RF-CH-MLD 390nH +-10% 28480 9100-2254 L4 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L5 9100-2891 1 INDUCTOR RF-CH-MLD 100nH +-10% 28480 9100-2249 MP2 1205-0226 1 HEAT SINK SGL TO-5/TO-39-CS 02608 1115B MP4 08569-20026 1 COMB GEN PC BD 28480 08569-2002 Q1 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q2 1854-0247 <td< td=""><td>CR2</td><td>1901-0539</td><td>1</td><td>DIODE-SCHOTTKY SM SIG</td><td>28480</td><td>1901-0539</td></td<>	CR2	1901-0539	1	DIODE-SCHOTTKY SM SIG	28480	1901-0539
CR5 1901-0539 1 DIODE-SCHOTTKY SM SIG 28480 1901-0539 E1 9170-0847 1 CORE-SHIELDING BEAD 28480 9170-0847 L1 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L2 9140-0141 1 INDUCTOR RF-CH-MLD 680nH +-10% 28480 9140-0141 L3 9100-2254 1 INDUCTOR RF-CH-MLD 390nH +-10% 28480 9100-2254 L4 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L5 9100-2891 1 INDUCTOR RF-CH-MLD 50nH +-10% 28480 9100-2249 L6 9100-2247 1 INDUCTOR RF-CH-MLD 100nH +-10% 28480 9100-2891 MP2 1205-0226 1 HEAT SINK SGL TO-5/TO-39-CS 02608 1115B MP4 08569-20026 1 COMB GEN PC BD 28480 08569-2002 Q1 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q2 1854-0247 1 TRANSISTOR NPN 203866A SI TO-39 PD=5W 28480 1854-0784	CR3	1901-0539	1	DIODE-SCHOTTKY SM SIG	28480	1901-0539
E1 9170-0847 1 CORE-SHIELDING BEAD 28480 9170-0847 L1 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L2 9140-0141 1 INDUCTOR RF-CH-MLD 680nH +-10% 28480 9140-0141 L3 9100-2254 1 INDUCTOR RF-CH-MLD 390nH +-10% 28480 9100-2254 L4 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2254 L4 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L5 9100-2891 1 INDUCTOR RF-CH-MLD 50nH +-10% 28480 9100-2249 MP2 1205-0226 1 HEAT SINK SGL TO-5/TO-39-CS 02608 1115B MP4 08569-20026 1 COMB GEN PC BD 28480 08569-2002 Q1 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q2 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q3 1854-0784 1 TRANSISTOR NPN 203866A SI TO-39 PD=5W 28480 1854-0784 R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0757-0279 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	CR4	1901-0539	1	DIODE-SCHOTTKY SM SIG	28480	1901-0539
L1 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L2 9140-0141 1 INDUCTOR RF-CH-MLD 680nH +-10% 28480 9140-0141 L3 9100-2254 1 INDUCTOR RF-CH-MLD 390nH +-10% 28480 9100-2254 L4 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L5 9100-2891 1 INDUCTOR RF-CH-MLD 50nH +-10% 28480 9100-2249 L6 9100-2247 1 INDUCTOR RF-CH-MLD 100nH +-10% 28480 9100-2247 MP2 1205-0226 1 HEAT SINK SGL TO-5/TO-39-CS 02608 1115B MP4 08569-20026 1 COMB GEN PC BD 28480 08569-2002 Q1 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q2 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q3 1854-0784 1 TRANSISTOR NPN 2N3866A SI TO-39 PD=5W 28480 1854-0784 R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0757-0279 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	CR5	1901-0539	1	DIODE-SCHOTTKY SM SIG	28480	1901-0539
L2 9140-0141 1 INDUCTOR RF-CH-MLD 680nH +-10% 28480 9140-0141 L3 9100-2254 1 INDUCTOR RF-CH-MLD 390nH +-10% 28480 9100-2254 L4 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L5 9100-2891 1 INDUCTOR RF-CH-MLD 50nH +-10% 28480 9100-2891 L6 9100-2247 1 INDUCTOR RF-CH-MLD 100nH +-10% 28480 9100-2247 MP2 1205-0226 1 HEAT SINK SGL TO-5/TO-39-CS 02608 1115B MP4 08569-20026 1 COMB GEN PC BD 28480 08569-2002 Q1 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q2 1854-0784 1 TRANSISTOR NPN 2N3866A SI TO-39 PD=5W 28480 1854-0784 R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0757-0279 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	E1	9170-0847	1	CORE-SHIELDING BEAD	28480	9170-0847
L3 9100-2254 1 INDUCTOR RF-CH-MLD 390nH +-10% 28480 9100-2254 L4 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L5 9100-2891 1 INDUCTOR RF-CH-MLD 50nH +-10% 28480 9100-2249 L6 9100-2247 1 INDUCTOR RF-CH-MLD 100nH +-10% 28480 9100-2247 MP2 1205-0226 1 HEAT SINK SGL TO-5/TO-39-CS 02608 1115B MP4 08569-20026 1 COMB GEN PC BD 28480 08569-2002 Q1 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q2 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q3 1854-0784 1 TRANSISTOR NPN 2N3866A SI TO-39 PD=5W 28480 1854-0784 R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0757-0279 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	L1	9100-2249	1	INDUCTOR RF-CH-MLD 150nH +-10%	28480	9100-2249
L4 9100-2249 1 INDUCTOR RF-CH-MLD 150nH +-10% 28480 9100-2249 L5 9100-2891 1 INDUCTOR RF-CH-MLD 50nH +-10% 28480 9100-2891 L6 9100-2247 1 INDUCTOR RF-CH-MLD 100nH +-10% 28480 9100-2247 MP2 1205-0226 1 HEAT SINK SGL TO-5/TO-39-CS 02608 1115B MP4 08569-20026 1 COMB GEN PC BD 28480 08569-2002 Q1 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q2 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q3 1854-0784 1 TRANSISTOR NPN 2N3866A SI TO-39 PD=5W 28480 1854-0784 R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0757-0279 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	L2	9140-0141	1	INDUCTOR RF-CH-MLD 680nH +-10%	28480	9140-0141
L5 9100-2891 1 INDUCTOR RF-CH-MLD 50nH +-10% 28480 9100-2891 L6 9100-2247 1 INDUCTOR RF-CH-MLD 100nH +-10% 28480 9100-2247 MP2 1205-0226 1 HEAT SINK SGL TO-5/TO-39-CS 02608 1115B MP4 08569-20026 1 COMB GEN PC BD 28480 08569-2002 Q1 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q2 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q3 1854-0784 1 TRANSISTOR NPN 2N3866A SI TO-39 PD=5W 28480 1854-0784 R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0757-0279 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	L3	9100-2254	1	INDUCTOR RF-CH-MLD 390nH +-10%	28480	9100-2254
L6 9100-2247 1 INDUCTOR RF-CH-MLD 100nH +-10% 28480 9100-2247 MP2 1205-0226 1 HEAT SINK SGL TO-5/TO-39-CS 02608 1115B MP4 08569-20026 1 COMB GEN PC BD 28480 08569-2002 Q1 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q2 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q3 1854-0784 1 TRANSISTOR NPN 2N3866A SI TO-39 PD=5W 28480 1854-0784 R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0698-7229 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	L4	9100-2249	1	INDUCTOR RF-CH-MLD 150mH +-10%	28480	9100-2249
MP2 1205-0226 1 HEAT SINK SGL TO-5/TO-39-CS 02608 1115B MP4 08569-20026 1 COMB GEN PC BD 28480 08569-2002 Q1 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q2 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q3 1854-0784 1 TRANSISTOR NPN 2N3866A SI TO-39 PD=5W 28480 1854-0784 R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0757-0279 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	L5	9100-2891	1	INDUCTOR RF-CH-MLD 50nH +-10%	28480	9100-2891
MP4 08569-20026 1 COMB GEN PC BD 28480 08569-2002 Q1 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q2 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q3 1854-0784 1 TRANSISTOR NPN 2N3866A SI TO-39 PD=5W 28480 1854-0784 R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0757-0279 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	L6	9100-2247	1	INDUCTOR RF-CH-MLD 100nH +-10%	28480	9100-2247
Q1 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q2 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q3 1854-0784 1 TRANSISTOR NPN 2N3866A SI TO-39 PD=5W 28480 1854-0784 R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0757-0279 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	MP2	1205-0226	1	HEAT SINK SGL TO-5/TO-39-CS	02608	1115B
Q2 1854-0247 1 TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ 28480 1854-0247 Q3 1854-0784 1 TRANSISTOR NPN 2N3866A SI TO-39 PD=5W 28480 1854-0784 R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0757-0279 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	MP4	08569-20026	1	COMB GEN PC BD	28480	08569-20026
Q3 1854-0784 1 TRANSISTOR NPN 2N3866A SI TO-39 PD=5W 28480 1854-0784 R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0757-0279 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	Q1	1854-0247	1	TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ	28480	1854-0247
R1 0757-0279 1 RESISTOR 3.16K +-1% .125W TF TC=0+-100 28480 0757-0279 R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	Q2	1854-0247	1	TRANSISTOR NPN SI TO-39 PD=1W FT=800MHZ	28480	1854-0247
R2 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7229	Q3	1854-0784	1	TRANSISTOR NPN 2N3866A SI TO-39 PD=5W	28480	1854-0784
	R1	0757-0279	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	28480	0757-0279
R3 0698-7205 1 RESISTOR 51.1 +-1% .05W TF TC=0+-100 28480 0698-7205	R2	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
	R3	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205

HP Part Number 08569-60026 **Comb Generator (continued)**

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R4	0698-7219	1	RESISTOR 196 +-1% .05W TF TC=0+-100	28480	0698-7219
R5	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R6	0698-7196	1	RESISTOR 21.5 +-1% .05W TF TC=0+-100	28480	0698-7196
R7	0757-0274	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	28480	0757-0274
R8	0698-7222	1	RESISTOR 261 +-1% .05W TF TC=0+-100	28480	0698-7222
R9	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R10	0698-7208	1	RESISTOR 68.1 +-1% .05W TF TC=0+-100	28480	0698-7208
R11	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R12	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R13	0698-3429	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	28480	0698-3429
R14	0698-3429	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	28480	0698-3429
R15	0698-7281	1	RESISTOR 75K +-2% .05W TF TC=0+-100	28480	0698-7281
Y1	0410-0482	1	PRECISION BULK MODE-AT FREQ=100 MHZ	01409	100 MHZ-C251DDD-00

4) 11×17 08569-60026-1 6) 11×17 08569 60026-2

Component-Level Information Packet for 08590-60155

Second Converter Tripler



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HP Part Number 08590-60155 **Second Converter Tripler**

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C2	0160-5961	1	CAP-FXD 22pF +-5% 50 V CER C0G	28480	0160-5961
C3	0160-5967	1	CAP-FXD 100pF +-5% 50 V CER COG	28480	0160-5967
C4	0160-5960	1	CAP-FXD 27pF +-5% 50 V CER COG	28480	0160-5960
C5	0160-5971	1	CAP-FXD 4.7pF +-10.64% 50 V CER C0G	28480	0160-5971
CR1	1902-0048	1	DIODE-ZNR 6.81V 5% DO-35 PD=.4W	28480	1902-0048
L2	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	28480	9140-1206
L3	9140-1561	1	INDUCTOR 22nH +5% -5% 2.8W-mmX3.4LG-mm	28480	9140-1561
Q1	1854-1295	1	TRANSISTOR NPN SI PD=600MW	28480	1854-1295
R1	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	28480	0699-1432
R2	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	28480	0699-1432
R3	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	0699-1344

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Component-Level Information Packet for 08590-60197

Analog Interface



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HP Part Number 08590-60197 **Analog Interface**

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
$_{\mathrm{C2}}$	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C3	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C4	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C5	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C6	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C7	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C8	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C9	0180-3636	1	CAP-FXD 330uF +-20% 35 V AL-ELCTLT	28480	0180-3636
C10	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C11	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C12	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C13	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C14	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C15	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER C0G	28480	0160-4800
C16	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C17	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C18	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER COG	28480	0160-4800
C19	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C20	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C21	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C22	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C23	0160-4822	1	CAP-FXD 1000pF +-5% 100 V CER C0G	28480	0160-4822
C24	0160-6223	1	CAP-FXD 2uF +-5% 100 V POLYP-MET	28480	0160-6223
C25	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C26	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C27	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C28	0180-3817	1	CAP-FXD 100uF +-20% 50 V AL-ELCTLT	28480	0180-3817
C30	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C31	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C32	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	
C33	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	
C34	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	
C35	0180-3635	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	
C36	0160-5098	1	CAP-FXD 0.22uF +-10% 50 V CER X7R	28480	0160-5098

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Designator	Humber				
C37	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C38	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C39	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C40	0180-3847	1.	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C41	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C44	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C45	0160-4833	1	CAP-FXD 0.022uF +-10% 100 V CER X7R	28480	0160-4833
C46	0160-4819	1	CAP-FXD 2200pF +-5% 100 V CER C0G	28480	0160-4819
C47	0180-3771	1	CAP-FXD 1uF +-10% 35 V TA	28480	0180-3771
C48	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C49	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C50	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C51	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C52	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C53	0180-3771	1	CAP-FXD 1uF +-10% 35 V TA	28480	0180-3771
C54	0160-5412	1	CAP-FXD 16pF +-5% 100 V CER C0G	28480	0160-5412
C55	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C56	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C57	0180-3771	1	CAP-FXD 1uF +-10% 35 V TA	28480	0180-3771
C59	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C60	0160-4822	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4822
C61	0160-4834	1	CAP-FXD 0.047uF +-10% 100 V CER X7R	28480	0160-4834
C62	0160-4834	1	CAP-FXD 0.047uF +-10% 100 V CER X7R	l	0160-4834
C63	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3643
C64	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3643
Grad	01.00 400-		CAP-FXD 0.1uF +-10% 50 V CER X7R	20,400	0160-4835
C101	0160-4835	ł		l	0160-4835
C102	0160-4835		CAP-FXD 0.1uF +-10% 50 V CER X7R CAP-FXD 0.1uF +-10% 50 V CER X7R	l	0160-4835
C103	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C104	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C105	0160-4835	1	CAF-FAD U.TUF †-10% 30 V CER A/R	20400	0100-4000
C106	0160-4835	1	 CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C107	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C108	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C109	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C110	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835

Reference Designator		Qty	Description	Mfr Code	Mfr Part Number
C111	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C113	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C114	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C150	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C151	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
CR1	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR2	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR3	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR4	1901-0518	1	DIODE-SCHOTTKY SM SIG	28480	1901-0518
CR5	1901-0518	1	DIODE-SCHOTTKY SM SIG	28480	1901-0518
CR6	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR101	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR102	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
J1	1251-8912	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8912
J2	1252-2260	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2260
ЈЗ	1252-3106	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-3106
J 4	1252-1470	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-1470
J5	1250-0543	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	28480	1250-0543
L1	9100-1622	1	INDUCTOR RF-CH-MLD 24uH +-5%	28480	9100-1622
L2	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
LЗ	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
L5	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	28480	9100-1788
MP3	1205-0639	1	HEAT SINK SGL TO-220-CS	07179	576802B03100
MP4	0380-1842	1	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121	
MP5	5021-8654	1	STANDOFF-RF	28480	5021-8654
MP6	5021-8657	1	NUT-STANDOFF	28480	5021-8657
MP7	0380-1242	1	STANDOFF-RVT-ON 20-MM-LG M3.0 X 0.5-THD	02121	
MP150	1200-0173	1	INSULATOR-XSTR DAP-GL	02608	7717-86 DAP
Q1	1854-0456	1	TRANSISTOR NPN SI PD=65W FT=3MHZ	28480	1854-0456
Q3	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q4	1855-0686	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-92 SI	28480	1855-0686
$\mathbf{Q}5$	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q6	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q7	1855-0414	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02237	
Q8	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Q9	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q10	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q20	1854-0637	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02237	2N2219A
Q21	1853-0314	1	TRANSISTOR PNP 2N2905A SI TO-39 PD=400MW	28480	1853-0314
Q90	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0555
Q101	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q150	1854-0637	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02237	2N2219A
R1	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R2	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R3	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R4	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R5	0698-6343	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	28480	0698-6343
R6	0698-6344	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	28480	0698-6344
R7	0698-6323	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	28480	0698-6323
R8	0698-6353	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	28480	0698-6353
R9	0698-6353	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	28480	0698-6353
R10	0699-1909	1	RESISTOR 2.31K +-0.1% .125W TF TC=0+-25	28480	0699-1909
R11	0698-6322	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	0698-6322
R12	0698-6322	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	0698-6322
R13	0698-8907	1	RESISTOR 320 +-0.25% .25W TF TC=0+-50	28480	0698-8907
R14	0698-3442	1	RESISTOR 237 +-1% .125W TF TC=0+-100	28480	0698-3442
R15	0757-1000	1	RESISTOR 51.1 +-1% .5W TF TC=0+-100	28480	0757-1000
R16	0757-1000	1	RESISTOR 51.1 +-1% .5W TF TC=0+-100	28480	0757-1000
R17	0698-6343	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	28480	0698-6343
R18	0698-6362	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	28480	0698-6362
R19	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R20	0698-3334	1	RESISTOR 178 +-1% .5W TF TC=0+-100	28480	0698-3334
R21	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R22	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R23	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R24	0698-6322	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	0698-6322
R25	0699-0400	1	RESISTOR 3.6K +-0.1% .125W TF TC=0+-25	28480	0699-0400
R26	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R27	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R28	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280

D - f	HD D4	<u></u>	Description	Mfr	Mfr Part
Reference Designator	HP Part Number	Qty	Description	Code	Number
R29	0699-0154	1	RESISTOR 7.2K +-0.1% .125W TF TC=0+-25	28480	0699-0154
R30	0699-1866	1	RESISTOR 2.7K +-0.1% .1W TF TC=0+-10	28480	0699-1866
R31	0699-1910	1	RESISTOR 691.2K +-0.1% .125W TF TC=0+-25	28480	0699-1910
R32	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R33	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R34	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R35	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R36	0757-1094	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	28480	0757-1094
R37	0699-0400	1	RESISTOR 3.6K +-0.1% .125W TF TC=0+-25	28480	0699-0400
R38	0699-2265	1	RESISTOR 200 +-0.1% .33W TF TC=0+-10	28480	0699-2265
R39	0699-2265	1	RESISTOR 200 +-0.1% .33W TF TC=0+-10	28480	0699-2265
R40	0699-2265	1	RESISTOR 200 +-0.1% .33W TF TC=0+-10	28480	0699-2265
R41	0699-2265	1	RESISTOR 200 +-0.1% .33W TF TC=0+-10	28480	0699-2265
R42	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R43	0698-3438	1	RESISTOR 147 +-1% .125W TF TC=0+-100	28480	0698-3438
R44	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R45	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R46	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R47	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R48	0757-0465	1	RESISTOR 100K +-1% .125W TF TC=0+-100	28480	0757-0465
R49	0757-0465	1	RESISTOR 100K +-1% .125W TF TC=0+-100	28480	0757-0465
R50	0699-1147	1	RESISTOR 9.53K +-0.1% .1W TF TC=0+4	28480	0699-1147
R51	0699-0078	1	RESISTOR 2.1K +-0.1% .1W TF TC=0+-10	28480	0699-0078
R52	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R53	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R54	0698-6358	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	28480	0698-6358
R55	0698-6355	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	28480	0698-6355
R56	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25		0698-6630
R57	0698-0084	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	28480	0698-0084
R58	0698-3155	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	28480	0698-3155
R59	0757-0199	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100		0757-0199
R60	0698-3153	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100		0698-3153
R61	0699-1910	1	RESISTOR 691.2K +-0.1% .125W TF TC=0+-25		0699-1910
R63	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100		0757-0416
R64	0698-8838	1	RESISTOR 3.52K +-0.1% .125W TF TC=0+-10	28480	0698-8838

Reference	HP Part	C4=-	Description	Mfr	Mfr Part
Designator	Number	Qty	Description	Code	Number
Designator	11411101				
R65	0698-3942	1	RESISTOR 69.8K +-0.1% .125W TF TC=0+-25	28480	0698-3942
R66	0698-8827	1	RESISTOR 1M +-1% .125W TF TC=0+-100	28480	0698-8827
R67	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R68	0757-0198	1	RESISTOR 100 +-1% .5W TF TC=0+-100	28480	0757-0198
R69	0757-0477	1	RESISTOR 332K +-1% .125W TF TC=0+-100	28480	0757-0477
R70	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R71	0698-3429	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	28480	0698-3429
R72	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R73	0698-8827	1	RESISTOR 1M +-1% .125W TF TC=0+-100	28480	0698-8827
R80	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R81	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R82	0698-8812	1	RESISTOR 1 +-1% .125W TF TC=0+-100	28480	0698-8812
R83	0698-8812	1	RESISTOR 1 +-1% .125W TF TC=0+-100	28480	0698-8812
R90	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R101	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R102	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R103	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R104	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R105	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R106	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R107	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R108	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R110	0757-0458	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	28480	0757-0458
R111	0757-0439	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	28480	0757-0439
R112	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R113	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R114	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R115	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R116	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R117	0757-0438	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	28480	0757-0438
R118	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R119	0698-7263	1	RESISTOR 13.3K +-1% .05W TF TC=0+-100	28480	0698-7263
R120	0698-3154	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	28480	0698-3154
R121	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R122	0757-0447	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	28480	0757-0447
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Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R150	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R151	0698-7233	1	RESISTOR 750 +-1% .05W TF TC=0+-100	28480	0698-7233
R152	0757-0180	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	28480	0757-0180
R153	0698-7257	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	28480	0698-7257
R154	0757-0279	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	28480	0757-0279
TP1	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
U1	1820-3079	1	IC DCDR-DEMUXR CMOS/HC BIN 3-TO-8-LINE	28480	
U2	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	l	1820-3565
U3	1820-3565	_	,	l	1820-3565
		1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	İ	
U4	1826-1386	1	D/A 12-BIT 18-PLASTIC CMOS	28480	1826-1386
U5	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U6	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U7	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049
U8	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U9	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
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U10	1826-1436	1	IC OP AMP PRON DUAL 8 PIN DIP-P	28480	
U11	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	
U12	1826-1969	1	IC OP AMP LOW-DRIFT DUAL 8 PIN DIP-C	28480	
U13	1826-1048	1	IC OP AMP PRON 8 PIN DIP-C	28480	
U14	1826-0811	1	ANALOG SWITCH 4 SPST 16 -CERDIP	28480	1826-0811
U15	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610
U16	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610
U17	1826-2128	1	ANALOG SWITCH 8 CHNL 16 -DIP-P	28480	1826-2128
U18	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U19	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U20	1826-1461	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P	28480	1826-1461
U21	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C		1826-1049
U22	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C		1826-1049
U23	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C		1826-1048
U24	08590-80105	1	PAL-PRGM U1		08590-80105
U25	1826-1514	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	28480	1826-1514
U26	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049
U27	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049
U28	1826-0285	1	IC PWR MGT-V-REG-FXD-NEG -4.8/-5.2V 3	28480	1826-0285
U29	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U30	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U31	1826-1086	1	ANALOG SWITCH 4 SPST 16 -DIP-P	28480	1826-1086
U32	1826-0547	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	28480	1826-0547
U101	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
U102	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
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U103	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
U104	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
U105	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
U106	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
U107	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
U108	1826-0759	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	28480	1826-0759
U109	1858-0074	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	28480	1858-0074
U110	1858-0047	1	TRANSISTOR ARRAY 16-PIN PLSTC DIP	28480	1858-0047
U111	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
VR1	1902-0959	1	DIODE-ZNR 11V 5% DO-35 PD=.4W TC=+.076%	02037	SZ30035-1
VR3	1902-0950	1	DIODE-ZNR 4.7V 5% DO-35 PD=.4W TC=+.025%	02037	SZ30035-8
VR4	1902-0962	1	DIODE-ZNR 15V 5% DO-35 PD=.4W TC=+.087%	02037	SZ30035-2
VR101	1902-0579	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	28480	1902-0579

(8) 11×17 08590-60197-2 (9) 11×17 08590-60197-1 10+2 10) 11×17

Component-Level Information Packet for 08591-60072

Analog Interface



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HP Part Number 08591-60072 **Analog Interface**

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C1	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C1 C2	0160-3847	1	CAP-FXD 22ur +-10% 25 V 1A CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	
C2 C3	0160-4835	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	
C3	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	
C4 C5	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	
C3	0100-4655	1	CAF-FAD 0.1UF +-10% 50 V CER X/R	20400	0100-4655
C6	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C7	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C8	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C9	0180-3636	1	CAP-FXD 330uF +-20% 35 V AL-ELCTLT	28480	0180-3636
C10	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	
			,		
C11	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C12	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C13	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C14	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C15	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER COG	28480	0160-4800
C16	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C17	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C18	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER COG	28480	0160-4800
C19	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C20	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C21	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C22	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C23	0160-4822	1	CAP-FXD 1000pF +-5% 100 V CER C0G	28480	0160-4822
C24	0160-6223	1	CAP-FXD 2uF +-5% 100 V POLYP-MET	28480	0160-6223
C25	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C26	0160-4835		CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-4835
C27	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-4835
C28	0180-3817	1	CAP-FXD 100uF +-20% 50 V AL-ELCTLT		0180-3817
C30	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	
C31	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C32	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C32	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	
C34	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	
C35	0180-3635	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	
C36	0160-5098	1	CAP-FXD 0.22uF +-10% 50 V CER X7R	28480	0160-5098
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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C37	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C38	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C39	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C40	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C41	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C44	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C45	0160-4833	1	CAP-FXD 0.022uF +-10% 100 V CER X7R	28480	0160-4833
C46	0160-4819	1	CAP-FXD 2200pF +-5% 100 V CER COG	28480	0160-4819
C47	0180-3771	1	CAP-FXD 1uF +-10% 35 V TA	28480	0180-3771
C48	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C49	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C50	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C51	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C52	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C53	0180-3771	1	CAP-FXD 1uF +-10% 35 V TA	28480	0180-3771
C54	0160-5412	1	CAP-FXD 16pF +-5% 100 V CER C0G	28480	0160-5412
C55	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C56	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C57	0180-3771	1	CAP-FXD 1uF +-10% 35 V TA	28480	0180-3771
C59	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C60	0160-4822	1	CAP-FXD 1000pF +-5% 100 V CER C0G	28480	0160-4822
C61	0160-4834	1	CAP-FXD 0.047uF +-10% 100 V CER X7R	28480	0160-4834
C62	0160-4834	1	CAP-FXD 0.047uF +-10% 100 V CER X7R	28480	0160-4834
C63	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3643
C64	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3643
C101	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C102	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C103	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C104	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C105	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C106	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C107	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C108	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C109	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C110	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
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Designator			Description	Mfr	Mfr Part
	Number	i		Code	Number
C111 (0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C113	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C114	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C150	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C151	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
CR1	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR2	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR3	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR4	1901-0518	1	DIODE-SCHOTTKY SM SIG	28480	1901-0518
CR5	1901-0518	1	DIODE-SCHOTTKY SM SIG	28480	1901-0518
CR6	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR101 1	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR102 1	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
J1 1	1251-8912	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8912
	1252-2260	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END		1252-2260
		_			
J3 1	1252-3106	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-3106
J4 1	1252-1470	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-1470
J5 1	1250-0543	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	28480	1250-0543
L1 9	9100-1622	1	INDUCTOR RF-CH-MLD 24uH +-5%	28480	9100-1622
L2 9	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
L3 9	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
L5 9	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	28480	9100-1788
MP3 1	1205-0639	1	HEAT SINK SGL TO-220-CS	07179	576802B03100
MP4 C	0380-1842	1	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121	
MP5 5	5021-8654	1	STANDOFF-RF	28480	5021-8654
MP6 5	5021-8657	1	NUT-STANDOFF	28480	5021-8657
MP7	0380-1242	1	STANDOFF-RVT-ON 20-MM-LG M3.0 X 0.5-THD	02121	
MP15 9	9320-6209	1	LBL-LNE-PTR; .65-IN-WD .2-IN-LG	02608	
MP150 1	1200-0173	1	INSULATOR-XSTR DAP-GL	02608	7717-86 DAP
Q1 1	1854-0456	1	TRANSISTOR NPN SI PD=65W FT=3MHZ	28480	1854-0456
	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q4 1	1855-0686	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-92 SI	28480	1855-0686
•	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
1	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
· ·	1855-0414	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02237	
į.	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Q9	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q10	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q20	1854-0637	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02237	2N2219A
Q21	1853-0314	1	TRANSISTOR PNP 2N2905A SI TO-39 PD=400MW	28480	1853-0314
Q90	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0555
Q101	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q150	1854-0637	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02237	2N2219A
R1	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R2	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R3	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R4	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R5	0698-6343	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	28480	0698-6343
R6	0698-6344	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	28480	0698-6344
R7	0698-6323	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	28480	0698-6323
R8	0698-6353	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	28480	0698-6353
R9	0698-6353	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	28480	0698-6353
R10	0699-1909	1	RESISTOR 2.31K +-0.1% .125W TF TC=0+-25	28480	0699-1909
R11	0698-6322	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	0698-6322
R12	0698-6322	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	0698-6322
R13	0698-8907	1	RESISTOR 320 +-0.25% .25W TF TC=0+-50	28480	0698-8907
R14	0698-3442	1	RESISTOR 237 +-1% .125W TF TC=0+-100	28480	0698-3442
R15	0757-1000	1	RESISTOR 51.1 +-1% .5W TF TC=0+-100	28480	0757-1000
R16	0757-1000	1	RESISTOR 51.1 +-1% .5W TF TC=0+-100	28480	0757-1000
R17	0698-6343	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	28480	0698-6343
R18	0698-6362	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	28480	0698-6362
R19	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R20	0698-3334	1	RESISTOR 178 +-1% .5W TF TC=0+-100	28480	0698-3334
R21	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R22	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R23	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R24	0698-6322	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	0698-6322
R25	0699-0400	1	RESISTOR 3.6K +-0.1% .125W TF TC=0+-25	28480	0699-0400
R26	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R27	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R28	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R29	0699-0154	1	RESISTOR 7.2K +-0.1% .125W TF TC=0+-25	28480	0699-0154
R30	0699-1866	1	RESISTOR 2.7K +-0.1% .1W TF TC=0+-10	28480	0699-1866
R31	0699-1910	1	RESISTOR 691.2K +-0.1% .125W TF TC=0+-25	28480	0699-1910
R32	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R33	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
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R34	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R35	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R36	0757-1094	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	28480	0757-1094
R37	0699-0400	1	RESISTOR 3.6K +-0.1% .125W TF TC=0+-25	28480	0699-0400
R38	0699-2265	1	RESISTOR 200 +-0.1% .33W TF TC=0+-10	28480	0699-2265
R39	0699-2265	1	RESISTOR 200 +-0.1% .33W TF TC=0+-10	28480	0699-2265
R40	0699-2265	1	RESISTOR 200 +-0.1% .33W TF TC=0+-10	28480	0699-2265
R41	0699-2265	1	RESISTOR 200 +-0.1% .33W TF TC=0+-10	28480	0699-2265
R42	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R43	0698-3438	1	RESISTOR 147 +-1% .125W TF TC=0+-100	28480	0698-3438
R44	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R45	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R46	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R47	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R48	0757-0465	1	RESISTOR 100K +-1% .125W TF TC=0+-100	28480	0757-0465
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R49	0757-0465	1	RESISTOR 100K +-1% .125W TF TC=0+-100	!	0757-0465
R50	0699-1147	1	RESISTOR 9.53K +-0.1% .1W TF TC=0+4		0699-1147
R51	0699-0078	1	RESISTOR 2.1K +-0.1% .1W TF TC=0+-10		0699-0078
R52	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25		
R53	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R54	0698-6358	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	28480	0698-6358
R55	0698-6355	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25		0698-6355
R56	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R57	0698-0084	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100		
R58	0698-3155	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	28480	0698-3155
100	2000-0100	-	100010 10 10 11 1 100 11 10 10 10 10 10	20 200	2000-0100
R59	0757-0199	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	28480	0757-0199
R60	0698-3153	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	28480	0698-3153
R61	0699-1910	1	RESISTOR 691.2K +-0.1% .125W TF TC=0+-25	28480	0699-1910
R63	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R64	0698-8838	1	RESISTOR 3.52K +-0.1% .125W TF TC=0+-10	28480	0698-8838

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R65	0698-3942	1	RESISTOR 69.8K +-0.1% .125W TF TC=0+-25	28480	0698-3942
R66	0698-8827	1	RESISTOR 1M +-1% .125W TF TC=0+-100	28480	0698-8827
R67	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R68	0757-0198	1	RESISTOR 100 +-1% .5W TF TC=0+-100	28480	0757-0198
R69	0757-0477	1	RESISTOR 332K +-1% .125W TF TC=0+-100	28480	0757-0477
R70	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R71	0698-3429	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	28480	0698-3429
R72	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R73	0698-8827	1	RESISTOR 1M +-1% .125W TF TC=0+-100	28480	0698-8827
R80	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
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R81	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R82	0698-8812	1	RESISTOR 1 +-1% .125W TF TC=0+-100	28480	0698-8812
R83	0698-8812	1	RESISTOR 1 +-1% .125W TF TC=0+-100	28480	0698-8812
R90	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R101	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R102	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R103	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R104	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R105	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R106	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R107	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R108	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R110	0757-0458	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	28480	0757-0458
R111	0757-0439	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	28480	0757-0439
R112	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R113	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R114	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R115	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R116	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R117	0757-0438	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	28480	0757-0438
R118	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R119	0698-7263	1	RESISTOR 13.3K +-1% .05W TF TC=0+-100	28480	0698-7263
R120	0698-3154	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	28480	0698-3154
R121	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R122	0757-0447	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	28480	0757-0447

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	Q 6.y	Description	Code	
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R150	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R151	0698-7233	1	RESISTOR 750 +-1% .05W TF TC=0+-100	28480	0698-7233
R152	0757-0180	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	28480	0757-0180
R153	0698-7257	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	28480	0698-7257
R154	0757-0279	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	28480	0757-0279
TP1	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG		14758-8
U1	1820-3079	1	IC DCDR-DEMUXR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U2	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
UЗ	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
U4	1826-1386	1	D/A 12-BIT 18-PLASTIC CMOS	28480	1826-1386
U5	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U6	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U7	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049
U8	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U9	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
U10	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U11	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
U12	1826-1969	1	IC OP AMP LOW-DRIFT DUAL 8 PIN DIP-C	28480	1826-1969
U13	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U14	1826-0811	1	ANALOG SWITCH 4 SPST 16 -CERDIP	28480	1826-0811
U15	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610
U16	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610
U17	1826-2128	1	ANALOG SWITCH 8 CHNL 16 -DIP-P	28480	1826-2128
U18	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U19	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U20	1826-1461	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P	28480	1826-1461
U21	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049
U22	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049
U23	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U24	08590-80105	1	PAL-PRGM U1	28480	08590-80105
U25	1826-1514	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	28480	1826-1514
U26	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049
U27	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049
U28	1826-0285	1	IC PWR MGT-V-REG-FXD-NEG -4.8/-5.2V 3	28480	1826-0285
U29	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U30	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U31	1826-1048	_	ANALOG SWITCH 4 SPST 16 -DIP-P	28480	
		1			
U32	1826-0547	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	28480	
U101	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	
U102	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
U103	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
U104	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
U105	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
U106	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
U107	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
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U108	1826-0759	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	28480	1826-0759
U109	1858-0074	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	28480	1858-0074
U110	1858-0047	1	TRANSISTOR ARRAY 16-PIN PLSTC DIP	28480	1858-0047
U111	1820-3565	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG OCTL	28480	1820-3565
VR1	1902-0959	1	DIODE-ZNR 11V 5% DO-35 PD=.4W TC=+.076%	02037	SZ30035-1
VR3	1902-0950	1	DIODE-ZNR 4.7V 5% DO-35 PD=.4W TC=+.025%	02037	SZ30035-8
VR4	1902-0962	1	DIODE-ZNR 15V 5% DO-35 PD=.4W TC=+.087%	02037	SZ30035-2
VR101	1902-0579	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	28480	1902-0579
W1	8150-5022	1	WIRE 26AWG G KYNAR (PVF) 1X26 105C	28480	
W2	8150-5022	1	WIRE 26AWG G KYNAR (PVF) 1X26 105C	28480	

(11) 11×17 08591-60072-2
(12) 11×17 08591-60072-1
(13) 11×17
(13) 11×17
(13) 11×17

Component-Level Information Packet for 08592-60108

Analog Interface



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HP Part Number 08592-60108 **Analog Interface**

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	~ vy	Description	Code	Number
C1	0180-3850	1	CAP-FXD 68uF +-10% 10 V TA	28480	0180-3850
C2	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C3	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C4	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C7	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C8	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C10	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C11	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C12	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C13	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C14	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C15	0160-4800	1	CAP-FXD 120 _P F +-5% 100 V CER C0G	28480	0160-4800
C16	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C17	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C18	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER COG	28480	0160-4800
C19	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846
C20	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C21	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846
C22	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C23	0160-4822	1	CAP-FXD 1000 _P F +-5% 100 V CER C0G	28480	0160-4822
C24	0160-6223	1	CAP-FXD 2uF +-5% 100 V POLYP-MET	28480	0160-6223
C27	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C28	0180-3817	1	CAP-FXD 100uF +-20% 50 V AL-ELCTLT	28480	0180-3817
C30	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C31	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C32	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846
C33	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C34	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C35	0180-3635	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3635
C36	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C37	0160-4831	1	CAP-FXD 4700pF +-10% 100 V CER X7R	28480	0160-4831
C38	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C39	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C40	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C41	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C44	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C45	0160-4833	1	CAP-FXD 0.022uF +-10% 100 V CER X7R	28480	0160-4833
C46	0160-4819	1	CAP-FXD 2200pF +-5% 100 V CER C0G	28480	0160-4819
C49	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C50	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3643
C52	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C54	0160-4831	1	CAP-FXD 4700pF +-10% 100 V CER X7R	28480	0160-4831
C55	0180-3641	1	CAP-FXD 1000uF +-20% 10 V AL-ELCTLT	28480	0180-3641
C59	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C60	0160-4822	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4822
C61	0160-4834	1	CAP-FXD 0.047uF +-10% 100 V CER X7R	28480	0160-4834
C62	0160-4834	1	CAP-FXD 0.047uF +-10% 100 V CER X7R	28480	0160-4834
C63	0180-3771	1	CAP-FXD 1uF +-10% 35 V TA	28480	0180-3771
C64	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C65	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C66	0180-3771	1	CAP-FXD 1uF +-10% 35 V TA	28480	0180-3771
C101	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C102	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C103	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C104	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C105	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C106	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C107	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C108	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C109	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C110	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C111	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C112	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C113	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C150	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C151	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C201	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C202	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C203	0160-5408	1	CAP-FXD 75pF +-5% 100 V CER C0G	28480	0160-5408
	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835

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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Designator	Number			Oode	Number
C205	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C206	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C207	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C208	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C209	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C210	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C211	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C301	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER C0G	28480	0160-4800
C302	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C303	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C304	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C305	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C306	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C307	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C308	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C309	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C310	0160-4682	1	CAP-FXD 1000pF +-2.5% 160 V POLYP-FL	28480	0160-4682
C311	0160-4682	1	CAP-FXD 1000pF +-2.5% 160 V POLYP-FL	28480	0160-4682
C312	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C313	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C314	0160-4800	1	CAP-FXD 120 _P F +-5% 100 V CER C0G	28480	0160-4800
C315	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C316	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C317	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3643
C318	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C319	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R		0160-4574
C320	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT		0180-3643
C321	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-4835
C407	0180-4316	1	CAP-FXD 220uF +-20% 50 V AL-ELCTLT		0180-4316
C900	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
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C901	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-4835
C910	0160-4574	1	CAP-FXD 1000 _P F +-10% 100 V CER X7R		0160-4574
CR1	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	
CR2	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	
CR3	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
CR4	1901-0518	1	DIODE-SCHOTTKY SM SIG	28480	1901-0518
CR5	1901-0518	1	DIODE-SCHOTTKY SM SIG	28480	1901-0518
CR6	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR101	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR102	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR201	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR202	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR203	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR301	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR302	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
J1	1251-8912	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8912
J2	1252-2365	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2365
J 3	1251-7683	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-7683
J4	1252-2008	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2008
J5	1252-2028	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2028
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J6	1250-0543	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	28480	1250-0543
J24	1252-0500	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-0500
J301	1252-2153	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2153
L1	9140-0245	1	INDUCTOR RF-CH-MLD 445mH +-5%	28480	9140-0245
L2	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
L3	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
L4	9100-1641	1	INDUCTOR RF-CH-MLD 240uH +-5%	28480	9100-1641
L5	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
L6	9100-0539	1	INDUCTOR RF-CH-MLD 10uH +-5%		9100-0539
L402	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
MDo	E000 1001		Z BRACKET	00400	E000 1001
MP3	5002-1021			28480 05610	5002-1021
MP4	0515-2141	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45		E000 0007
MP5	5022-0097	1	STANDOFF-RF NUT STANDOFF		5022-0097
MP6	5021-8657	1	NUT-STANDOFF	1	5021-8657
MP8	1205-0583	1	HEAT SINK SGL TO-5/TO-39-CS	02608	2215B-SS1
MP9	0380-1842	1	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121	
MP10	0380-1842	1	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121	
MP11	0380-1842	1	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121	
	0340-0933	_	INSULATOR-FLG-BSHG PPS BLACK	- 1	7721-3PPS
	0535-0145		NUT-HEX LKG M2.5 X 0.45 2MM-THK 5MM-A/F	13483	
	2300 0140	^		20200	

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
MP14	0340-0949	1	INSULATOR-XSTR THRM-CNDCT	03976	60-11-5791-1674
MP15	1200-0173	1	INSULATOR-XSTR DAP-GL	02608	7717-86 DAP
MP16	1200-0173	1	INSULATOR-XSTR DAP-GL	02608	7717-86 DAP
MP17	1205-0478	1	HEAT SINK SGL TO-220-CS	02608	6071B
MP20	1200-0173	1	INSULATOR-XSTR DAP-GL	02608	7717-86 DAP
Q1	1855-0646	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0646
Q2	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	
Q3	1855-0449	1	TRANSISTOR J-FET 2N5434 N-CHAN D-MODE	02237	2.10001
Q4	1855-0686	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-92 SI	28480	1855-0686
Q5	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	1000-0000
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Q6	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q8	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q9	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q10	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q20	1854-0637	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02237	2N2219A
Q21	1853-0314	1	TRANSISTOR PNP 2N2905A SI TO-39 PD=400MW	28480	
Q92	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI		1855-0555
Q150	1854-0637	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02237	2N2219A
Q202	1855-0292	1	TRANSISTOR J-FET 2N5432 N-CHAN D-MODE	02237	
Q301	1855-0517	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	28480	1855-0517
R1	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R2	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R3	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R4	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R5	0698-6343	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	28480	0698-6343
R6	0698-6344	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	28480	0698-6344
R7	0698-6323	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25		0698-6323
R8	0698-6353	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25		0698-6353
R9	0698-6353		RESISTOR 50K +-0.1% .125W TF TC=0+-25		0698-6353
R10	0699-0517		RESISTOR 5.621K +-0.1% .1W TF TC=0+4		0699-0517
R11	0698-6322	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	0698-6322
R12	0698-6322	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	0698-6322
R13	0698-3446	1	RESISTOR 383 +-1% .125W TF TC=0+-100	28480	0698-3446
R14	0698-3442	1	RESISTOR 237 +-1% .125W TF TC=0+-100	28480	0698-3442
R15	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394
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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number		
Designator	11 diliber			Code	rumber		
R16	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394		
R17	0698-6343	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	28480	0698-6343		
R18	0698-6362	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	28480	0698-6362		
R19	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360		
R20	0698-3446	1	RESISTOR 383 +-1% .125W TF TC=0+-100	28480	0698-3446		
R21	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624		
R22	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624		
R23	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229		
R24	0698-3904	1	RESISTOR 14.7K +-0.1% .1W TF TC=0+-10	28480	0698-3904		
R25	0699-1269	1	RESISTOR 2.31K +-0.1% .1W TF TC=0+-10	28480	0699-1269		
R26	0699-0936	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	28480	0699-0936		
R27	0698-5362	1	RESISTOR 1.477K +-0.1% .1W TF TC=0+-5	28480	0698-5362		
R28	0698-8831	1	RESISTOR 13.4K +-0.1% .125W TF TC=0+-10	28480	0698-8831		
R29	0699-0118	1	RESISTOR 20K +-0.1% .1W TF TC=0+-5	28480	0699-0118		
R30	0699-1146	1	RESISTOR 9.064K +-0.1% .1W TF TC=0+4	28480	0699-1146		
R31	0699-0936	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	28480	0699-0936		
R32	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280		
R33	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280		
R34	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360		
R35	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360		
R36	0698-3153	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	28480	0698-3153		
R37	0699-2109	1	RESISTOR 25K +-0.1% .125W TF TC=0+-5	28480	0699-2109		
R38	0699-1825	1	RESISTOR 50 +-1% .3W MF TC=0+-5	28480	0699-1825		
R39	0699-1825	1	RESISTOR 50 +-1% .3W MF TC=0+-5	28480	0699-1825		
R40	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442		
R41	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442		
R42	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320		
R43	0698-8812	1	RESISTOR 1 +-1% .125W TF TC=0+-100	28480	0698-8812		
R44	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442		
R45	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442		
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R46	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442		
R47	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280		
R48	0757-0465	1	RESISTOR 100K +-1% .125W TF TC=0+-100	28480	0757-0465		
R49	0757-0465	1	RESISTOR 100K +-1% .125W TF TC=0+-100	28480	0757-0465		
R50	0699-1147	1	RESISTOR 9.53K +-0.1% .1W TF TC=0+4	28480	0699-1147		

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R51	0699-0078	1	RESISTOR 2.1K +-0.1% .1W TF TC=0+-10	28480	0699-0078
R52	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R53	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R54	0698-6358	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	28480	0698-6358
R55	0698-6355	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	28480	0698-6355
R56	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R57	0698-0084	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	28480	0698-0084
R58	0698-3155	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	28480	0698-3155
R59	0757-0199	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	28480	0757-0199
R60	0698-3153	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	28480	0698-3153
R61	0757-0460	1	RESISTOR 61.9K +-1% .125W TF TC=0+-100	28480	0757-0460
R64	0698-8838	1	RESISTOR 3.52K +-0.1% .125W TF TC=0+-10	28480	0698-8838
R65	0698-3942	1	RESISTOR 69.8K +-0.1% .125W TF TC=0+-25	28480	0698-3942
R66	0698-8827	1	RESISTOR 1M +-1% .125W TF TC=0+-100	28480	0698-8827
R67	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R69	0757-0477	1	RESISTOR 332K +-1% .125W TF TC=0+-100	28480	0757-0477
R70	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R72	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R80	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R81	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R90	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R101	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R102	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R103	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R104	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R105	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R106	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R107	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R108	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R110	0757-0458	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	28480	0757-0458
R111	0757-0439	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	28480	0757-0439
R112	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R113	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R114	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R115	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R116	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R117	0757-0438	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	28480	0757-0438
R118	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R119	0698-7263	1	RESISTOR 13.3K +-1% .05W TF TC=0+-100	28480	0698-7263
R120	0698-3154	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	28480	0698-3154
R121	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R122	0757-0447	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	28480	0757-0447
R150	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R151	0698-7233	1	RESISTOR 750 +-1% .05W TF TC=0+-100	28480	0698-7233
R152	0757-0180	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	28480	0757-0180
R153	0698-7257	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	28480	0698-7257
R154	0757-0279	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	28480	0757-0279
R201	0698-0083	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	28480	0698-0083
R202	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R203	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
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R205	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R206	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394
R207	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R208	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R209	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
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R210	0757-0465	1	RESISTOR 100K +-1% .125W TF TC=0+-100	28480	0757-0465
R211	0683-2015	1	RESISTOR 200 +-5% .25W CF TC=0-400	28480	0683-2015
R212	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R213	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R214	0698-3446	1	RESISTOR 383 +-1% .125W TF TC=0+-100	28480	0698-3446
R215	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100		0757-0442
R216	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R217	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R221	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R222	0698-3446	1	RESISTOR 383 +-1% .125W TF TC=0+-100	28480	0698-3446
R223	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	1	0757-0442
R251	0811-3587	1	RESISTOR 0 CWM		0811-3587
R253	0811-3587	1	RESISTOR 0 CWM	28480	
R261	0811-1086	1	RESISTOR 47 +-5% 3W PWI TC=0+-30	28480	
R262	0811-1086	1	RESISTOR 47 +-5% 3W PWI TC=0+-30	28480	0811-1086
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Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R301	0698-6343	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	28480	0698-6343
R302	0698-6344	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	28480	0698-6344
R303	0698-6323	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	28480	0698-6323
R304	0698-6353	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	28480	0698-6353
R305	0699-1147	1	RESISTOR 9.53K +-0.1% .1W TF TC=0+4	28480	0699-1147
R306	0699-0936	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	28480	0699-0936
R307	0699-0936	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	28480	0699-0936
R308	0699-1268	1	RESISTOR 1.395K +-0.1% .1W TF TC=0+-10	28480	0699-1268
R309	0698-7285	1	RESISTOR 110K +-1% .05W TF TC=0+-100	28480	0698-7285
R310	0698-6406	1	RESISTOR 8.54K +-0.1% .1W TF TC=0+4	28480	0698-6406
R311	0699-2623	1	RESISTOR 2.58K +-0.1% .125W TF TC=0+-25	28480	0699-2623
R312	0699-1823	1	RESISTOR 30 +-1% .3W MF TC=0+-5	28480	
R313	0699-1823	1	RESISTOR 30 +-1% .3W MF TC=0+-5	28480	
R314	0699-1823	1	RESISTOR 30 +-1% .3W MF TC=0+-5	28480	
R314 R315	0811-1084	1	RESISTOR 22 +-5% 3W PWI TC=0+-30	28480	
nsis	0011-1004	1	RESISTOR 22 7-5% SW F WI TO=07-50	20400	0611-1064
R316	0698-3160	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	28480	0698-3160
R317	0698-8625	1	RESISTOR 1K +-0.1% .1W TF TC=0+-5	28480	0698-8625
R318	0757-0401	1	RESISTOR 100 +-1% .125W TF TC=0+-100	28480	0757-0401
R319	0698-8812	1	RESISTOR 1 +-1% .125W TF TC=0+-100	28480	0698-8812
R515	0811-3587	1	RESISTOR 0 CWM	28480	0811-3587
		_		22.422	
R901	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100		0698-7260
R902	0698-7196		RESISTOR 21.5 +-1% .05W TF TC=0+-100	28480	
R903	0811-3587	1	RESISTOR 0 CWM	28480	
R910	0698-7196	1	RESISTOR 21.5 +-1% .05W TF TC=0+-100		0698-7196
TP1	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
TP3	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
U1	1820-3079	1	IC DCDR-DEMUXR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U2	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS		1826-1933
U5	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS		1826-1933
U6	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS		1826-1933
U7	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U8	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U9	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U10	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U11	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
U12	1826-1969	1	IC OP AMP LOW-DRIFT DUAL 8 PIN DIP-C	28480	1826-1969
U13	1810-0318	1	NET-RES 5 1.0K OHM 6-SIP	28480	1810-0318
U14	1826-0811	1	ANALOG SWITCH 4 SPST 16 -CERDIP	28480	1826-0811
U15	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610
U16	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610
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U17	1826-2128	1	ANALOG SWITCH 8 CHNL 16 -DIP-P	28480	1826-2128
U18	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U19	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U20	1826-1461	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P	28480	1826-1461
U21	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049
U22	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049
U23	1826-1048	1	IC OP AMP PRON 8 PIN DIP-C	ı	1826-1048
U24	08590-80105	1	PAL-PRGM U1		08590-80105
U25	1826-1514	_	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS		1826-1514
U26	1826-1048	1	IC OP AMP PRON 8 PIN DIP-C	1	1826-1048
026	1620-1046	1	IC OF AIMF FRON 8 FIN DIF-C	20400	1020-1040
U27	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049
U29	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U31	1826-1086	1	ANALOG SWITCH 4 SPST 16 -DIP-P	28480	1826-1086
U32	1826-1461	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P	28480	1826-1461
U101	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U102	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
U103	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U104	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
U105	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U106	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
U107	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U108	1826-0759	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	28480	1826-0759
U 10 9	1858-0074	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	28480	1858-0074
U110	1820-0471	1	IC DRVR TTL BUS HEX	02237	DM7406N
U111	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
11001	1990 0140		IG EE CMOS/HG D TYPE DOS EDGE TRIG COM	20400	1000 2140
U201	1820-3146		IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM		1820-3146
U202	1820-5047	1	IC-INTERFACE DRVR BIPOLAR DISPLAY HIGH		1820-5047
U203	1858-0077	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116		FPQ2222P
U204	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM		1820-3082
U205	1820-1934	1	D/A 8-BIT 16-CERDIP BPLR	28480	1820-1934

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U206	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U207	1826-1048	_	IC OP AMP PRCN 8 PIN DIP-C		1826-1048
U208	1826-1048		IC OP AMP PRCN 8 PIN DIP-C		1826-1048
U209	1858-0076	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02237	
U301	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS		1826-1933
0301	1620-1955		D/A 12-D11 241 LASTIC OMOS	20400	1820-1833
U302	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U303	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610
U304	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U305	1826-0988	1	SAMPLE AND HOLD 14 -CERDIP	28480	1826-0988
U306	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U308	1810-1079	1	NETWORK-RES 8-DIP 10.0K OHM X 4	28480	1810-1079
U309	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U310	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
VR1	1902-0959	1	DIODE-ZNR 11V 5% DO-35 PD=.4W TC=+.076%	02037	SZ30035-1
VR2	1902-0951	1	DIODE-ZNR 5.1V 5% DO-35 PD=.4W TC=+.035%	02037	SZ30035-9RL
			•		
VR3	1902-0950	1	DIODE-ZNR 4.7V 5% DO-35 PD=.4W TC=+.025%	02037	SZ30035-8
VR4	1902-0962	1	DIODE-ZNR 15V 5% DO-35 PD=.4W TC=+.087%	02037	SZ30035-2
VR101	1902-0579	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	28480	1902-0579
VR201	1902-0959	1	DIODE-ZNR 11V 5% DO-35 PD=.4W TC=+.076%	02037	SZ30035-1
VR301	1902-0579	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	28480	1902-0579

(4) 11×17 08592-60108-2 (5) 11×17 08592-60108-1 10+3 (6)11×17

(17) 11 X17 1 3 of 3

Component-Level Information Packet for 08594-60030

Analog Interface



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HP Part Number 08594-60030 Analog Interface

Reference	HP Part	Qty	Description	Mfr Code	Mfr Part Number			
Designator	Number			Code	Number			
C1	0180-3850	1	CAP-FXD 68uF +-10% 10 V TA	28480	0180-3850			
C2	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832			
СЗ	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C4	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C7	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C8	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C10	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832			
C12	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832			
C13	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C14	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C15	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER COG	28480	0160-4800			
C16	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C17	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C18	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER COG	28480	0160-4800			
C19	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846			
C20	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C21	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846			
C22	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C23	0160-4822	1	CAP-FXD 1000 _p F +-5% 100 V CER C0G	28480	0160-4822			
C24	0160-6223	1	CAP-FXD 2uF +-5% 100 V POLYP-MET	28480	0160-6223			
C27	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480				
C28	0180-3817	1	CAP-FXD 100uF +-20% 50 V AL-ELCTLT	28480	0180-3817			
C30	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C31	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C32	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846			
C22	0160 499	,	CAD EVID 0 1E 100 E0 V OED Ver	20400	0160 4927			
C33	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-4835			
C34	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480 28480				
C35	0180-3635 0160-4835	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT CAP-FXD 0.10F + 10% 50 V CFR X7R	28480	0180-3635			
C36		1	CAP-FXD 0.1uF +-10% 50 V CER X7R CAP-FXD 4700pF +-10% 100 V CER X7R					
C37	0160-4831	1	OAI -1 AD 4100pr 7-10% 100 V CER X/R	28480	0100-4031			
C38	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847			
C39	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C40	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847			
C41	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835			
C44	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832			

Reference	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number		
Designator	Number			Code	Number		
C45	0160-4833	1	CAP-FXD 0.022uF +-10% 100 V CER X7R	28480	0160-4833		
C46	0160-4819	1	CAP-FXD 2200 _P F +-5% 100 V CER C0G	28480	0160-4819		
C49	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C50	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3643		
C52	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C54	0160-4831	1	CAP-FXD 4700pF +-10% 100 V CER X7R	28480	0160-4831		
C55	0180-3641	1	CAP-FXD 1000uF +-20% 10 V AL-ELCTLT	28480	0180-3641		
C59	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832		
C60	0160-4822	1	CAP-FXD 1000pF +-5% 100 V CER C0G	28480	0160-4822		
C61	0160-4834	1	CAP-FXD 0.047uF +-10% 100 V CER X7R	28480	0160-4834		
C62	0160-4834	1	CAP-FXD 0.047uF +-10% 100 V CER X7R	28480	0160-4834		
C63	0180-3771	1	CAP-FXD 1uF +-10% 35 V TA	28480	0180-3771		
C64	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769		
C65	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769		
C66	0180-3771	1	CAP-FXD 1uF +-10% 35 V TA	28480	0180-3771		
C101	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C102	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C103	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C104	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C105	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C106	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C107	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C108	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C109	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C110	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C111	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C112	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C113	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C150	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832		
C151	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832		
C305	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832		
C317	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3643		
C900	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C901	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835		
C910	0160-4574	1	CAP-FXD 1000 _P F +-10% 100 V CER X7R	28480	0160-4574		

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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number		
CR1	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR2	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR3	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR4	1901-0518	1	DIODE-SCHOTTKY SM SIG	28480	1901-0518		
CR5	1901-0518	1	DIODE-SCHOTTKY SM SIG	28480	1901-0518		
	•						
CR6	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR101	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR102	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR210	1901-0734	1	DIODE-PWR RECT 1N5818 30V 1A	28480	1901-0734		
J1	1251-8912	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8912		
Ј3	1251-7683	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-7683		
J4	1252-2008	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END		1252-2008		
J5	1252-2028	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END		1252-2028		
J6	1250-0543	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	1	1250-0543		
L1	9140-0245	1	INDUCTOR RF-CH-MLD 445mH +-5%		9140-0245		
21	0110 0210	•	INDOCTOR REPORTED FROM 1-0/0	20400	0110-0210		
L2	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736		
LЗ	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736		
L4	9100-1641	1	INDUCTOR RF-CH-MLD 240uH +-5%	28480	9100-1641		
L6	9100-0539	1	INDUCTOR RF-CH-MLD 10uH +-5%	28480	9100-0539		
MP5	5021-8672	1	STANDOFF-RF	28480	5021-8672		
MP6	5021-8657	1	NUT-STANDOFF	28480	5021-8657		
MP8	1205-0583	1	HEAT SINK SGL TO-5/TO-39-CS	02608	2215B-SS1		
MP9	0380-1842	1	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121			
MP10	0380-1842	1	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121			
MP11	0380-1842	1	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121			
MP15	1200-0173	1	INSULATOR-XSTR DAP-GL	naene	7717 86 DAD		
MP16	1200-0173	1	INSULATOR-XSTR DAP-GL	02608	7717-86 DAP 7717-86 DAP		
MP20	1200-0173	1	INSULATOR-XSTR DAP-GL		7717-86 DAP		
Q1	1855-0646	1	TRANSISTOR MOSFET N-CHAN E-MODE SI		1855-0646		
Q1 Q2	1854-0215	1	TRANSISTOR MOSFET N-CHAN E-MODE SI TRANSISTOR NPN SI TO-92 PD=625MW		2N3904		
₩ 2	1307-0213	•	11.11.10101011 111 10 10-32 1 D=020WIW	32231	2110004		
Q3	1855-0449	1	TRANSISTOR J-FET 2N5434 N-CHAN D-MODE	02237			
Q4	1855-0686	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-92 SI	28480	1855-0686		
Q5	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237			
Q6	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904		
Q8	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237			

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	Qty	Description	Code	1
		<u> </u>		_	
Q9	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	:
Q10	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q20	1854-0637	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02237	2N2219A
Q21	1853-0314	1	TRANSISTOR PNP 2N2905A SI TO-39 PD=400MW	28480	1853-0314
Q91	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0555
Q150	1854-0637	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02237	2N2219A
R1	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R2	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R3	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R4	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R5	0698-6343	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	28480	0698-6343
R6	0698-6344	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	28480	0698-6344
R7	0698-6323	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	28480	0698-6323
R8	0698-6353	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	28480	0698-6353
R9	0698-6353	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	28480	0698-6353
R10	0699-0517	1	RESISTOR 5.621K +-0.1% .1W TF TC=0+4	28480	0699-0517
R11	0698-6322	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	0698-6322
R12	0698-6322	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	
R13	0698-3446	1	RESISTOR 383 +-1% .125W TF TC=0+-100	28480	
R14	0698-3442	1	RESISTOR 237 +-1% .125W TF TC=0+-100	28480	0698-3442
R15	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100		0757-0394
R16	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	
R17	0698-6343	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	28480	
R18	0698-6362	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	28480	
R19	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
D .c			PROTOTO DOOL AND ADVINCED TO DO AND ADD	00405	0000 0445
R20	0698-3446	1	RESISTOR 383 +-1% .125W TF TC=0+-100		0698-3446
R21	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	
R22	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	
R23	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100		0698-7229
R24	0698-3904	1	RESISTOR 14.7K +-0.1% .1W TF TC=0+-10	28480	0698-3904
Dor	0000 1000		DEGICTOD 2.21V 0.10V 1VV TE TO 0.10	20400	0600 1060
R25	0699-1269	1	RESISTOR 2.31K +-0.1% .1W TF TC=0+-10		0699-1269
R26	0699-0936	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5		0699-0936
R27	0698-5362	1	RESISTOR 1.477K +-0.1% .1W TF TC=0+-5		0698-5362
R28	0698-8831	1	RESISTOR 13.4K +-0.1% .125W TF TC=0+-10	28480	
R29	0699-0118	1	RESISTOR 20K +-0.1% .1W TF TC=0+-5	28480	0699-0118

*Indicates factory-selected value

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R30	0699-1146	1	RESISTOR 9.064K +-0.1% .1W TF TC=0+4	28480	0699-1146
R31	0699-0936	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	28480	0699-0936
R32	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R33	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R34	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R35	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R36	0698-3153	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	28480	0698-3153
R37	0699-2109	1	RESISTOR 25K +-0.1% .125W TF TC=0+-5	28480	0699-2109
R38	0699-1825	1	RESISTOR 50 +-1% .3W MF TC=0+-5	28480	0699-1825
R39	0699-1825	1	RESISTOR 50 +-1% .3W MF TC=0+-5	28480	0699-1825
R40	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R41	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R42	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R43	0698-8812	1	RESISTOR 1 +-1% .125W TF TC=0+-100	28480	0698-8812
R44	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R45	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R46	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R47	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R48	0757-0465	1	RESISTOR 100K +-1% .125W TF TC=0+-100	28480	0757-0465
R49	0757-0465	1	RESISTOR 100K +-1% .125W TF TC=0+-100	28480	0757-0465
R50	0699-1147	1	RESISTOR 9.53K +-0.1% .1W TF TC=0+4	28480	0699-1147
R51	0699-0078	1	RESISTOR 2.1K +-0.1% .1W TF TC=0+-10	28480	0699-0078
R52	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R53	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R54	0698-6358	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	28480	0698-6358
R55	0698-6355	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	28480	0698-6355
R56	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R57	0698-0084	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	28480	0698-0084
R58	0698-3155	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	28480	0698-3155
R59	0757-0199	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	28480	0757-0199
R60	0698-3153	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	28480	0698-3153
R61	0757-0460	1	RESISTOR 61.9K +-1% .125W TF TC=0+-100	28480	0757-0460
R64	0698-8838	1	RESISTOR 3.52K +-0.1% .125W TF TC=0+-10	28480	0698-8838
R65	0698-3942	1	RESISTOR 69.8K +-0.1% .125W TF TC=0+-25	28480	0698-3942
R66	0698-8827	1	RESISTOR 1M +-1% .125W TF TC=0+-100	28480	0698-8827

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	4.3		Code	Number
R67	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R69	0757-0477	1	RESISTOR 332K +-1% .125W TF TC=0+-100	28480	0757-0477
R70	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R72	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R80	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R81	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	
R90	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R101	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R102	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R103	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R104	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	
R105	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R106	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R107	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R108	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R110	0757-0458	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	28480	0757-0458
R111	0757-0439	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	28480	0757-0439
R112	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R113	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R114	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R115	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R116	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R117	0757-0438	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	28480	0757-0438
R118	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R119	0698-7263	1	RESISTOR 13.3K +-1% .05W TF TC=0+-100	28480	0698-7263
R120	0698-3154	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	28480	0698-3154
R121	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R122	0757-0447	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	28480	0757-0447
R150	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R151	0698-7233	1	RESISTOR 750 +-1% .05W TF TC=0+-100	28480	0698-7233
R152	0757-0180	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	28480	0757-0180
R153	0698-7257	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	28480	0698-7257
R154	0757-0279	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	28480	0757-0279
R218	0698-7267	1	RESISTOR 19.6K +-1% .05W TF TC=0+-100	28480	0698-7267
R219	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R220	0698-7228	1	RESISTOR 464 +-1% .05W TF TC=0+-100	28480	0698-7228
R250	0811-3587	1	RESISTOR 0 CWM	28480	0811-3587
R252	0811-3587	1	RESISTOR 0 CWM	28480	0811-3587
R255	0811-3587	1	RESISTOR 0 CWM	28480	0811-3587
R319	0698-8812	1	RESISTOR 1 +-1% .125W TF TC=0+-100	28480	0698-8812
R901	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	
R902	0698-7196	1	RESISTOR 21.5 +-1% .05W TF TC=0+-100		0698-7196
R910	0698-7196	1	RESISTOR 21.5 +-1% .05W TF TC=0+-100		0698-7196
TP1	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG		14758-8
TP3	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
U1	1820-3079	1	IC DCDR-DEMUXR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U2	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U5	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U6	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U7	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	
U8	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U9	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U10	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U11	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U12	1826-1969	1	IC OP AMP LOW-DRIFT DUAL 8 PIN DIP-C	28480	1826-1969
U13	1810-0318	1	NET-RES 5 1.0K OHM 6-SIP	28480	
U14	1826-0811	1	ANALOG SWITCH 4 SPST 16 -CERDIP	28480	1826-0811
U15	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610
U16	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610
U17	1826-2128	1	ANALOG SWITCH 8 CHNL 16 -DIP-P	28480	1826-2128
U18	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U19	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	
U20	1826-1461	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P		1826-1461
U21	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C		1826-1049
U22	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C		1826-1049
U23	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U24	08590-80105	1	PAL-PRGM U1	28480	08590-80105
U25	1826-1514	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	28480	1826-1514
U26	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U27	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U29	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U31	1826-1086	1	ANALOG SWITCH 4 SPST 16 -DIP-P	28480	1826-1086
U32	1826-1461	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P	28480	1826-1461
U101	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U102	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
U103	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U104	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
U105	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U106	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
U107	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U108	1826-0759	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	28480	1826-0759
U1 0 9	1858-0074	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	28480	1858-0074
U110	1820-0471	1	IC DRVR TTL BUS HEX	02237	DM7406N
U111	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U201	1820-3146	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3146
U202	1820-5047	1	IC-INTERFACE DRVR BIPOLAR DISPLAY HIGH	28480	1820-5047
U209	1858-0076	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02237	6339
U303	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610
VR1	1902-0959	1	DIODE-ZNR 11V 5% DO-35 PD=.4W TC=+.076%	02037	SZ30035-1
VR2	1902-0951	1	DIODE-ZNR 5.1V 5% DO-35 PD=.4W TC=+.035%	02037	SZ30035-9RL
VR3	1902-0950	1	DIODE-ZNR 4.7V 5% DO-35 PD=.4W TC=+.025%	02037	SZ30035-8
VR4	1902-0962	1	DIODE-ZNR 15V 5% DO-35 PD=.4W TC=+.087%	02037	SZ30035-2
VR101	1902-0579	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	28480	1902-0579

18 11x17 08594-60030-2 19 11x17 08594-60030-1 10f3 2011x17 20f3 21 11x17

Component-Level Information Packet for 08595-60022

Analog Interface



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HP Part Number 08595-60022 **Analog Interface**

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C1	0180-3850	1	CAP-FXD 68uF +-10% 10 V TA	28480	0180-3850
C2	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C3	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C4	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C7	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C8	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C10	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C11	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C12	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C13	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C14	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C15	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER COG	28480	0160-4800
C16	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C17	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C18	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER C0G	28480	0160-4800
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C19	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846
C20	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C21	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846
C22	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C23	0160-4822	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4822
C24	0160-6223	1	CAP-FXD 2uF +-5% 100 V POLYP-MET	28480	0160-6223
C27	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C28	0180-3817	1	CAP-FXD 100uF +-20% 50 V AL-ELCTLT	28480	0180-3817
C30	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C31	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C32	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846
C33	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C34	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C35	0180-3635	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3635
C36	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C37	0160-4831	1	CAP-FXD 4700pF +-10% 100 V CER X7R	28480	0160-4831
C38	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C39	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C40	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C41	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number		-	Code	Number
C44	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C45	0160-4833	1	CAP-FXD 0.022uF +-10% 100 V CER X7R	28480	0160-4833
C46	0160-4819	1	CAP-FXD 2200pF +-5% 100 V CER COG	28480	0160-4819
C49	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C50	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3643
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C52	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C54	0160-4831	1	CAP-FXD 4700pF +-10% 100 V CER X7R	28480	0160-4831
C55	0180-3641	1	CAP-FXD 1000uF +-20% 10 V AL-ELCTLT	28480	0180-3641
C59	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C60	0160-4822	1	CAP-FXD 1000pF +-5% 100 V CER C0G	28480	0160-4822
C61	0160-4834	1	CAP-FXD 0.047uF +-10% 100 V CER X7R	28480	0160-4834
C62	0160-4834	1	CAP-FXD 0.047uF +-10% 100 V CER X7R	28480	0160-4834
C63	0180-3771	1	CAP-FXD 1uF +-10% 35 V TA	28480	0180-3771
C64	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C65	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C66	0180-3771	1	CAP-FXD 1uF +-10% 35 V TA	28480	0180-3771
C101	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C102	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C103	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C104	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
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C105	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C106	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C107	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C108	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C109	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
0	0100 :00=	_	CAD DVD 04 E 1 10M F0 V CDD VFD	00400	0160 4925
	0160-4835		CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-4835
C111	0160-4835		CAP-FXD 0.1uF +-10% 50 V CER X7R CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835 0160-4835
C112	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X/R CAP-FXD 0.1uF +-10% 50 V CER X/R	1	0160-4835
C113	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X/R CAP-FXD 0.01uF +-10% 100 V CER X/R	28480	0160-4832
C150	0160-4832	1	CAF-FAD 0.010F 7-10% 100 V CER A/R	20400	0100-4002
C151	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C201	0160-4835		CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C202	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C203	0160-5408	1	CAP-FXD 75pF +-5% 100 V CER C0G	28480	0160-5408
C204	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835

Reference	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number	
Designator	Muniper			Code	Number	
C205	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835	
C206	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835	
C207	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769	
C208	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835	
C209	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769	
C210	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835	
C211	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832	
C301	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER C0G	28480	0160-4800	
C302	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832	
C303	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835	
C304	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835	
C305	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832	
C306	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847	
C307	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835	
C308	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847	
C309	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835	
C310	0160-4682	1	CAP-FXD 1000 _P F +-2.5% 160 V POLYP-FL	28480	0160-4682	
C311	0160-4682	1	CAP-FXD 1000pF +-2.5% 160 V POLYP-FL	28480	0160-4682	
C312	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769	
C313	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835	
C314	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER C0G	28480	0160-4800	
C315	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769	
C316	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835	
C317	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3643	
C318	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832	
C319	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	0160-4574	
C320	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3643	
C321	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835	
C407	0180-4316	1	CAP-FXD 220uF +-20% 50 V AL-ELCTLT	28480	0180-4316	
C900	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835	
:						
C901	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835	
C910	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	0160-4574	
CR1	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2	
CR2	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2	
CR3	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2	

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR4	1901-0518	1	DIODE-SCHOTTKY SM SIG	28480	1901-0518
CR5	1901-0518	1	DIODE-SCHOTTKY SM SIG	28480	1901-0518
CR6	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR101	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR102	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR202	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR210	1901-0734	1	DIODE-PWR RECT 1N5818 30V 1A	28480	1901-0734
CR301	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35		D3D2
CR302	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35		D3D2
J1	1251-8912	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END		1251-8912
To	1050 0265	,	CONN-POST TYPE .100-PIN-SPCG-MTG-END	20400	1252-2365
J2 J3	1252-2365	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END		1251-7683
	1251-7683		CONN-POST TYPE .100-PIN-SPCG-MTG-END		1252-2008
J4	1252-2008	1			
J5	1252-2028	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM		1252-2028
J6	1250-0543	1	CONNECTOR-RF SMB MALE PC-W-51DF5 50-OHM	28480	1250-0543
J301	1252-2153	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2153
L1	9140-0245	1	INDUCTOR RF-CH-MLD 445mH +-5%	28480	9140-0245
L2	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
L3	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
L4	9100-1641	1	INDUCTOR RF-CH-MLD 240uH +-5%	28480	9100-1641
L5	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
L6	9100-0539	1	INDUCTOR RF-CH-MLD 10uH +-5%	28480	9100-0539
L402	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
MP3	5002-1021	1	Z BRACKET	28480	5002-1021
MP4	0515-2141	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610	
MP5	5022-0097	1	STANDOFF-RF	28480	5022-0097
MP6	5021-8657	_	NUT-STANDOFF		5021-8657
MP8	1205-0583		HEAT SINK SGL TO-5/TO-39-CS		2215B-SS1
MP9	0380-1842	1	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121	
MP10	0380-1842	1	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121	
MP11	0380-1842	1	STANDOFF-RVT-ON 8-MM-LG M3.0 X 0.5-THD	02121	
MP12	0340-0933	1	INSULATOR-FLG-BSHG PPS BLACK		7721-3PPS
MP13	0535-0145	1	NUT-HEX LKG M2.5 X 0.45 2MM-THK 5MM-A/F	13483	
MP14	0340-0949	1	INSULATOR-XSTR THRM-CNDCT		60-11-5791-1674
MP15	1200-0173	1	INSULATOR-XSTR DAP-GL	02608	7717-86 DAP

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
MP16	1200-0173	1	INSULATOR-XSTR DAP-GL	02608	7717-86 DAP
MP17	1200-0173		HEAT SINK SGL TO-220-CS	ı	
MP17 MP20	1200-0173	1 1	INSULATOR-XSTR DAP-GL		6071B
	1855-0646	1	TRANSISTOR MOSFET N-CHAN E-MODE SI		7717-86 DAP
Q1		_	TRANSISTOR MOSFET N-CHAN E-MODE SI		1855-0646
Q2	1854-0215	1	TRANSISTOR NEW SI TO-92 PD=625MW	02237	2N3904
Q 3	1855-0449	1	TRANSISTOR J-FET 2N5434 N-CHAN D-MODE	02237	
Q4	1855-0686	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-92 SI	28480	1855-0686
$\mathbf{Q}5$	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q6	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q8	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q9	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
,			TRANSISTOR J-FET 2N4391 N-CHAN D-MODE		
Q10	1855-0420	1		02237	9N99104
Q20	1854-0637	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW		2N2219A
Q21	1853-0314	1	TRANSISTOR PNP 2N2905A SI TO-39 PD=400MW		1853-0314
Q91	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0555
Q92	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0555
Q150	1854-0637	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02237	2N2219A
Q202	1855-0292	1	TRANSISTOR J-FET 2N5432 N-CHAN D-MODE	02237	
Q301	1855-0517	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	28480	1855-0517
R1	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R2	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	20400	0000 0004
R3	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6624 0698-6630
R4	0698-6630	- I	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R5	0698-6343		RESISTOR 9K +-0.1% .125W TF TC=0+-25	28480	0698-6343
R6	0698-6344		RESISTOR 900 +-0.1% .125W TF TC=0+-25		0698-6344
110	0036-0344	1	RESISTOR 900 7-0.1% .125W IF 10=07-25	20400	0090-0344
R7	0698-6323	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	28480	0698-6323
R8	0698-6353	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	28480	0698-6353
R9	0698-6353	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	28480	0698-6353
R10	0699-0517	1	RESISTOR 5.621K +-0.1% .1W TF TC=0+4	28480	0699-0517
R11	0698-6322	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	0698-6322
Dia			DEGLOTION AV. 1 0 107 107 TO TO TO	20.455	
ł	0698-6322		RESISTOR 4K +-0.1% .125W TF TC=0+-25	- 1	0698-6322
	0698-3446		RESISTOR 383 +-1% .125W TF TC=0+-100		0698-3446
R14	0698-3442		RESISTOR 237 +-1% .125W TF TC=0+-100		0698-3442
Į.	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100		0757-0394
R16	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394

Reference	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number		
Designator	Number			Code	Number		
R17	0698-6343	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	28480	0698-6343		
R18	0698-6362	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	28480	0698-6362		
R19	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360		
R20	0698-3446	1	RESISTOR 383 +-1% .125W TF TC=0+-100	28480	0698-3446		
R21	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624		
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R22	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624		
R23	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229		
R24	0698-3904	1	RESISTOR 14.7K +-0.1% .1W TF TC=0+-10	28480	0698-3904		
R25	0699-1269	1	RESISTOR 2.31K +-0.1% .1W TF TC=0+-10	28480	0699-1269		
R26	0699-0936	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	28480	0699-0936		
R27	0698-5362	1	RESISTOR 1.477K +-0.1% .1W TF TC=0+-5	28480	0698-5362		
R28	0698-8831	1	RESISTOR 13.4K +-0.1% .125W TF TC=0+-10	28480	0698-8831		
R29	0699-0118	1	RESISTOR 20K +-0.1% .1W TF TC=0+-5	28480	0699-0118		
R30	0699-1146	1	RESISTOR 9.064K +-0.1% .1W TF TC=0+4	28480	0699-1146		
R31	0699-0936	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	28480	0699-0936		
R32	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280		
R33	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280		
R34	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360		
R35	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360		
R36	0698-3153	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	28480	0698-3153		
R37	0699-2109	1	RESISTOR 25K +-0.1% .125W TF TC=0+-5	28480	0699-2109		
R38	0699-1825	1	RESISTOR 50 +-1% .3W MF TC=0+-5	28480	0699-1825		
R39	0699-1825	1	RESISTOR 50 +-1% .3W MF TC=0+-5	28480	0699-1825		
R40	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442		
R41	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442		
R42	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320		
R43	0698-8812	1	RESISTOR 1 +-1% .125W TF TC=0+-100	28480	0698-8812		
R44	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442		
R45	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442		
R46	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442		
R47	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280		
R48	0757-0465	1	RESISTOR 100K +-1% .125W TF TC=0+-100	28480	0757-0465		
R49	0757-0465	1	RESISTOR 100K +-1% .125W TF TC=0+-100	28480	0757-0465		
R50	0699-1147	1	RESISTOR 9.53K +-0.1% .1W TF TC=0+4	28480	0699-1147		
R51	0699-0078	1	RESISTOR 2.1K +-0.1% .1W TF TC=0+-10	28480	0699-0078		

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	4,03		Code	Number
R52	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R53	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R54	0698-6358	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	28480	0698-6358
R55	0698-6355	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	28480	0698-6355
R56	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R57	0698-0084	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	28480	0698-0084
R58	0698-3155	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	28480	0698-3155
R59	0757-0199	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	28480	0757-0199
R60	0698-3153	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	28480	0698-3153
R61	0757-0460	1	RESISTOR 61.9K +-1% .125W TF TC=0+-100	28480	0757-0460
R64	0698-8838	1	RESISTOR 3.52K +-0.1% .125W TF TC=0+-10	28480	0698-8838
R65	0698-3942	1	RESISTOR 69.8K +-0.1% .125W TF TC=0+-25	28480	0698-3942
R66	0698-8827	1	RESISTOR 1M +-1% .125W TF TC=0+-100	28480	0698-8827
R67	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R69	0757-0477	1	RESISTOR 332K +-1% .125W TF TC=0+-100	28480	0757-0477
R70	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R72	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R80	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R81	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R90	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
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R101	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R102	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R103	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R104	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R105	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R106	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R107	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R108	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R110	0757-0458	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	28480	0757-0458
R111	0757-0439	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	28480	0757-0439
R112	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R113	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R114	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R115	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R116	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R117	0757-0438	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	28480	0757-0438
R118	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R119	0698-7263	1	RESISTOR 13.3K +-1% .05W TF TC=0+-100	28480	0698-7263
R120	0698-3154	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	28480	0698-3154
R121	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R122	0757-0447	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	28480	0757-0447
R150	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R151	0698-7233	1	RESISTOR 750 +-1% .05W TF TC=0+-100	28480	0698-7233
R152	0757-0180	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	28480	0757-0180
R153	0698-7257	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	28480	0698-7257
R154	0757-0279	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	28480	0757-0279
R201	0698-0083	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	28480	0698-0083
R202	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R203	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R205	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R206	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394
R207	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R208	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R209	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R210	0757-0465	1	RESISTOR 100K +-1% .125W TF TC=0+-100	28480	0757-0465
R211	0683-2015	1	RESISTOR 200 +-5% .25W CF TC=0-400	28480	0683-2015
R212	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R213	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R214	0698-3446	1	RESISTOR 383 +-1% .125W TF TC=0+-100	28480	0698-3446
R215	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R216	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100		0757-0280
R217	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100		0698-7260
R218	0698-7267	1	RESISTOR 19.6K +-1% .05W TF TC=0+-100	28480	
R219	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R220	0698-7228	1	RESISTOR 464 +-1% .05W TF TC=0+-100	28480	0698-7228
Door	0777		DEGREE DE 101/ 1 10/ 10/11/ TO TO A	00400	0757 0440
R221	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100		0757-0442
R222	0698-3446	1	RESISTOR 383 +-1% .125W TF TC=0+-100		0698-3446
R223	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	
R250	0811-3587	1	RESISTOR 0 CWM	28480	
R252	0811-3587	1	RESISTOR 0 CWM	28480	0811-3587

Designator I	Number	Qty	Description	Code	Mfr Part
1 1	0698-7260				Number
1 1	0698-7260 l				
R262 C		1	RESISTOR 10K +-1% .05W TF TC=0+-100		0698-7260
i i	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R263 0	0698-7267	1	RESISTOR 19.6K +-1% .05W TF TC=0+-100		0698-7267
R264 0	0698-7267	1	RESISTOR 19.6K +-1% .05W TF TC=0+-100	28480	0698-7267
R301 0	0698-6343	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	28480	0698-6343
R302 0	0698-6344	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25		0698-6344
R303 0	0698-6323	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	28480	0698-6323
R304 0	0698-6353	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	28480	0698-6353
R305 0	0699-1147	1	RESISTOR 9.53K +-0.1% .1W TF TC=0+4	28480	0699-1147
R306 0	0699-0936	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	28480	0699-0936
R307 0	0699-0936	1	RESISTOR 57.014K +-0.1% .1W TF TC=0+-5	28480	0699-0936
R308 0	0699-1268	1	RESISTOR 1.395K +-0.1% .1W TF TC=0+-10	28480	0699-1268
R309 0	0698-7285	1	RESISTOR 110K +-1% .05W TF TC=0+-100	28480	0698-7285
R310 0	0698-6406	1	RESISTOR 8.54K +-0.1% .1W TF TC=0+4		0698-6406
R311 0	0699-2623	1	RESISTOR 2.58K +-0.1% .125W TF TC=0+-25	28480	0699-2623
R312 0	0699-1823	1	RESISTOR 30 +-1% .3W MF TC=0+-5	28480	0699-1823
R313 0	0699-1823	1	RESISTOR 30 +-1% .3W MF TC=0+-5	28480	0699-1823
R314 0	0699-1823	1	RESISTOR 30 +-1% .3W MF TC=0+-5	28480	0699-1823
R315 0	0811-1084	1	RESISTOR 22 +-5% 3W PWI TC=0+-30	28480	0811-1084
R316 0	0698-3160	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	28480	0698-3160
R317 0	0698-8625	1	RESISTOR 1K +-0.1% .1W TF TC=0+-5	28480	0698-8625
R318 0	0757-0401	1	RESISTOR 100 +-1% .125W TF TC=0+-100	28480	0757-0401
R319 0	0698-8812	1	RESISTOR 1 +-1% .125W TF TC=0+-100	28480	0698-8812
R405 0	0811-3587	1	RESISTOR 0 CWM	28480	0811-3587
R901 0	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R902 0	0698-7196	1	RESISTOR 21.5 +-1% .05W TF TC=0+-100		0698-7196
R910 0	0698-7196	1	RESISTOR 21.5 +-1% .05W TF TC=0+-100	28480	0698-7196
TP1 0	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
TP3 0	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
U1 1	1820-3079	1	IC DCDR-DEMUXR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U2 1	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U5 1	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U6 1	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U7 1	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U8 1	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436

Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U9	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U10	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U11	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U12	1826-1969	1	IC OP AMP LOW-DRIFT DUAL 8 PIN DIP-C	28480	1826-1969
U13	1810-0318	1	NET-RES 5 1.0K OHM 6-SIP	28480	1810-0318
U14	1826-0811	1	ANALOG SWITCH 4 SPST 16 -CERDIP	28480	1826-0811
U15	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610
U16	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610
U17	1826-2128	1	ANALOG SWITCH 8 CHNL 16 -DIP-P	28480	1826-2128
U18	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U19	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U20	1826-1461	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P		1826-1461
U21	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049
U22	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C		1826-1049
U23	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C		1826-1048
			DIA DOMANA	00.400	00500 00105
	08590-80105	1	PAL-PRGM U1		08590-80105
U25	1826-1514	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	28480	
U26	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C		1826-1048
U27	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C		1826-1049
U29	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U31	1826-1086	1	ANALOG SWITCH 4 SPST 16 -DIP-P	28480	1826-1086
U32	1826-1461	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P	28480	1826-1461
U101	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U102	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
U103	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U104	1826-1253	1	D/A 18-CERDIP BPLR	28480	1826-1253
U105	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM		1820-3082
U106	1826-1253	1	D/A 18-CERDIP BPLR		1826-1253
U107	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM		1820-3082
1	1826-0759	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	28480	
U108	1020-0139	1	10 COMI AICATOIL GI WOAD 141 III DII -C	20-100	1020-0100
U109	1858-0074	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	28480	1858-0074
U110	1820-0471	1	IC DRVR TTL BUS HEX	02237	DM7406N
U111	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U201	1820-3146	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3146
U202	1820-5047	1	IC-INTERFACE DRVR BIPOLAR DISPLAY HIGH	28480	1820-5047

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U203	1858-0077	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02237	FPQ2222P
U204	1820-3082	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3082
U205	1820-1934	1	D/A 8-BIT 16-CERDIP BPLR	28480	1820-1934
U206	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U207	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U208	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U209	1858-0076	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02237	6339
U301	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U302	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U303	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610
U304	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U305	1826-0988	1	SAMPLE AND HOLD 14 -CERDIP	28480	1826-0988
U306	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U308	1810-1079	1	NETWORK-RES 8-DIP 10.0K OHM X 4	28480	1810-1079
U309	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U310	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
VR1	1902-0959	1	DIODE-ZNR 11V 5% DO-35 PD=.4W TC=+.076%	02037	SZ30035-1
VR2	1902-0951	1	DIODE-ZNR 5.1V 5% DO-35 PD=.4W TC=+.035%	02037	SZ30035-9RL
VR3	1902-0950	1	DIODE-ZNR 4.7V 5% DO-35 PD=.4W TC=+.025%	02037	SZ30035-8
VR4	1902-0962	1	DIODE-ZNR 15V 5% DO-35 PD=.4W TC=+.087%	02037	SZ30035-2
VR101	1902-0579	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	28480	1902-0579
VR201	1902-0959	1	DIODE-ZNR 11V 5% DO-35 PD=.4W TC=+.076%	02037	SZ30035-1
VR301	1902-0579	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	28480	1902-0579

(22) 11×17 08595-60022-2

(23) 11X17 08595-60022-1

24) 11 X17 20/3

(25) 11 X 17 3 of 3

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Component-Level Information Packet for 08590-60196

Tracking Generator Control



HP Part No. 08590-90157 Printed in USA May 1997 Notice. The information contained in this document is subject to change without notice.

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HP Part Number 08590-60196 **Tracking Generator Control**

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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
2 corganior	11411501			Oouc	- TV damber
C1	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C2	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
СЗ	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C4	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C5	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C6	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C7	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C8	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C9	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C10	0160-6588	1	CAP-FXD 0.033uF +-10% 100 V CER X7R	28480	0160-6588
C11	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C12	0180-4191	1	CAP-FXD 33uF +-10% 35 V TA	28480	0180-4191
C13	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C14	0180-4191	1	CAP-FXD 33uF +-10% 35 V TA	28480	0180-4191
C15	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C16	0180-4132	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-4132
C17	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	28480	0160-4535
C18	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C19	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C20	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C21	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER C0G	28480	0160-4800
C22	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C23	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C24	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C25	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C26	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	28480	0160-4535
C27	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	28480	0160-4535
C28	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C29	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C30	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C31	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C32	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C33	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C34	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C35	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C36	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C37	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C38	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C39	0160-2437	1	CAP-FXD 5000pF +80% -20% 200 V CER	28480	0160-2437
C40	0160-2437	1	CAP-FXD 5000pF +80% -20% 200 V CER	28480	0160-2437
C41	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C42	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C43	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C44	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C45	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C46	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C47	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C48	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C49	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C50	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
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C51	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	28480	0160-4535
C52	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	28480	0160-4535
C53	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C54	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C55	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	28480	0160-4535
C56	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R		0160-4535
C57	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C58	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C59	0160-4801	1	CAP-FXD 100pF +-5% 100 V CER COG		0160-4801
C60	0160-4801	1	CAP-FXD 100pF +-5% 100 V CER C0G	28480	0160-4801
				20:25	0100 ::0-
C61	0160-4490	1	CAP-FXD 1.8pF +-13.89% 200 V CER COG		
C62	0160-5976	1	CAP-FXD 12pF +-5% 50 V CER COG		0160-5976
C63	0160-4490	1	CAP-FXD 1.8pF +-13.89% 200 V CER COG		0160-4490
C64	0160-4518	1	CAP-FXD 3.9pF +-12.82% 200 V CER COG		0160-4518
C65	0160-4801	1	CAP-FXD 100pF +-5% 100 V CER C0G	28480	0160-4801
Cee	0160 2070		CAP-FXD 2.2pF +-11.36% 200 V CER COG	28460	0160-3872
C66	0160-3872	1	=		
C67	0160-4389	1	CAP-FXD 100pF +-5% 200 V CER COG		0160-4389
C68	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R		0160-4084
C69	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R		0160-4084
C70	0160-4389	1	CAP-FXD 100pF +-5% 200 V CER C0G	28480	0160-4389

Designator Number Code Number Code Number Code Number Code Number Code Reference	HP Part	Qty	Description	Mfr	Mfr Part	
CR3 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR4 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR5 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR6 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR7 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR9 1901-0031 1 DIODE-GEN PRP 180V 200MA 2NS DO-35 02237 D3D2 CR11 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR11 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR12 0122-0161 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR12 0122-0161 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR12 0122-0161 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2	Designator	Number		= -		
CR3 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR4 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR5 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR6 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR7 1901-0030 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR9 1901-0031 1 DIODE-GEN PRP 180V 200MA 2NS DO-35 02237 D3D2 CR10 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR11 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR12 0122-0161 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR13 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2 CR12 0122-0161 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 02237 D3D2	~		-		<u> </u>	
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J6 1250-1020 1 CONNECTOR-RF SMA FEMALE SGL-HOLE-RR 28480 1250-10 L1 9100-2251 1 INDUCTOR RF-CH-MLD 220nH +-10% 28480 9100-27 L2 9135-0080 1 INDUCTOR 27nH +-5.556% 2.6D-mmX6.6LG-mm 03273 10M27 L3 9100-2251 1 INDUCTOR RF-CH-MLD 220nH +-10% 28480 9100-27 L4 9140-0736 1 INDUCTOR 200uH .3W-INX.4LG-IN 28480 9140-07 MP2 0340-0587 1 INSULATOR SLBL-LAC-CMPD 03724 TO-13- MP3 08590-00042 1 COVER-VTO SHIELD 28480 08590-2 MP4 08590-20188 1 SHIELD-VTO 28480 08590-2 MP5 08590-20189 1 COVER-BOTTOM VTO 28480 08590-2 MP6 0520-0181 1 SCREW-MACH 2-56 .875-IN-LG PAN-HD-POZI 04771 04771 MP8 1200-0172 1 INSULATOR-XSTR DAP-GL 02608 7717-89 P1 1252-2349 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-23 Q1 <td< td=""><td>J4</td><td>1250-0543</td><td>1</td><td>CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM</td><td>28480</td><td>1250-0543</td></td<>	J4	1250-0543	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	28480	1250-0543
L1 9100-2251 1 INDUCTOR RF-CH-MLD 220nH +-10% 28480 9100-22 L2 9135-0080 1 INDUCTOR 27nH +-5.556% 2.6D-mmX6.6LG-mm 03273 10M27 L3 9100-2251 1 INDUCTOR RF-CH-MLD 220nH +-10% 28480 9100-22 L4 9140-0736 1 INDUCTOR 200uH .3W-INX.4LG-IN 28480 9140-07 MP2 0340-0587 1 INSULATOR SLBL-LAC-CMPD 03724 TO-13- MP3 08590-00042 1 COVER-VTO SHIELD 28480 08590-2 MP4 08590-20188 1 SHIELD-VTO 28480 08590-2 MP5 08590-20189 1 COVER-BOTTOM VTO 28480 08590-2 MP6 0520-0181 1 SCREW-MACH 2-56 .875-IN-LG PAN-HD-POZI 04771 MP8 1200-0172 1 INSULATOR-XSTR DAP-GL 02608 7717-88 P1 1252-2349 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-23 Q1 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02	J5	1250-0543	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	28480	1250-0543
L2 9135-0080 1 INDUCTOR 27nH +-5.556% 2.6D-mmX6.6LG-mm 03273 10M27 L3 9100-2251 1 INDUCTOR RF-CH-MLD 220nH +-10% 28480 9100-22 L4 9140-0736 1 INDUCTOR 200uH .3W-INX.4LG-IN 28480 9140-02 MP2 0340-0587 1 INSULATOR SLBL-LAC-CMPD 03724 TO-13- MP3 08590-00042 1 COVER-VTO SHIELD 28480 08590-0 MP4 08590-20188 1 SHIELD-VTO 28480 08590-2 MP5 08590-20189 1 COVER-BOTTOM VTO 28480 08590-2 MP6 0520-0181 1 SCREW-MACH 2-56 .875-IN-LG PAN-HD-POZI 04771 MP8 1200-0172 1 INSULATOR-XSTR DAP-GL 02608 7717-80 P1 1252-2349 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-23 Q1 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02	J6	1250-1020	1	CONNECTOR-RF SMA FEMALE SGL-HOLE-RR	28480	1250-1020
L2 9135-0080 1 INDUCTOR 27nH +-5.556% 2.6D-mmX6.6LG-mm 03273 10M27 L3 9100-2251 1 INDUCTOR RF-CH-MLD 220nH +-10% 28480 9100-22 L4 9140-0736 1 INDUCTOR 200uH .3W-INX.4LG-IN 28480 9140-02 MP2 0340-0587 1 INSULATOR SLBL-LAC-CMPD 03724 TO-13- MP3 08590-00042 1 COVER-VTO SHIELD 28480 08590-0 MP4 08590-20188 1 SHIELD-VTO 28480 08590-2 MP5 08590-20189 1 COVER-BOTTOM VTO 28480 08590-2 MP6 0520-0181 1 SCREW-MACH 2-56 .875-IN-LG PAN-HD-POZI 04771 MP8 1200-0172 1 INSULATOR-XSTR DAP-GL 02608 7717-80 P1 1252-2349 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-23 Q1 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02	1.1	9100-2251	1	INDUCTOR RECHMID 220mH ± 10%	26460	0100 2251
L3 9100-2251 1 INDUCTOR RF-CH-MLD 220nH +-10% 28480 9100-22 L4 9140-0736 1 INDUCTOR 200nH .3W-INX.4LG-IN 28480 9140-07 MP2 0340-0587 1 INSULATOR SLBL-LAC-CMPD 03724 TO-13- MP3 08590-00042 1 COVER-VTO SHIELD 28480 08590-2 MP4 08590-20188 1 SHIELD-VTO 28480 08590-2 MP5 08590-20189 1 COVER-BOTTOM VTO 28480 08590-2 MP6 0520-0181 1 SCREW-MACH 2-56 .875-IN-LG PAN-HD-POZI 04771 MP8 1200-0172 1 INSULATOR-XSTR DAP-GL 02608 7717-88 P1 1252-2349 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-23 Q1 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02			1	* ' ' '		
L4 9140-0736 1 INDUCTOR 200uH .3W-INX.4LG-IN 28480 9140-07 MP2 0340-0587 1 INSULATOR SLBL-LAC-CMPD 03724 TO-13- MP3 08590-00042 1 COVER-VTO SHIELD 28480 08590-0 MP4 08590-20188 1 SHIELD-VTO 28480 08590-2 MP5 08590-20189 1 COVER-BOTTOM VTO 28480 08590-2 MP6 0520-0181 1 SCREW-MACH 2-56 .875-IN-LG PAN-HD-POZI 04771 MP8 1200-0172 1 INSULATOR-XSTR DAP-GL 02608 7717-89 P1 1252-2349 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-23 Q1 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02						
MP2 0340-0587 1 INSULATOR SLBL-LAC-CMPD 03724 TO-13- MP3 08590-00042 1 COVER-VTO SHIELD 28480 08590-0 MP4 08590-20188 1 SHIELD-VTO 28480 08590-2 MP5 08590-20189 1 COVER-BOTTOM VTO 28480 08590-2 MP6 0520-0181 1 SCREW-MACH 2-56 .875-IN-LG PAN-HD-POZI 04771 MP8 1200-0172 1 INSULATOR-XSTR DAP-GL 02608 7717-89 P1 1252-2349 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-23 Q1 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02	i	1	_	• • • • • • • • • • • • • • • • • • • •		
MP3		Ì			1	
MP4 08590-20188 1 SHIELD-VTO 28480 08590-2 MP5 08590-20189 1 COVER-BOTTOM VTO 28480 08590-2 MP6 0520-0181 1 SCREW-MACH 2-56 .875-IN-LG PAN-HD-POZI 04771 MP8 1200-0172 1 INSULATOR-XSTR DAP-GL 02608 7717-89 P1 1252-2349 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-23 Q1 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02	MIF 2	0340-0367	1	INSULATOR SLBL-LAC-CMPD	03724	10-13-07
MP5 08590-20189 1 COVER-BOTTOM VTO 28480 08590-20 MP6 0520-0181 1 SCREW-MACH 2-56 .875-IN-LG PAN-HD-POZI 04771 MP8 1200-0172 1 INSULATOR-XSTR DAP-GL 02608 7717-89 P1 1252-2349 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-23 Q1 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02	мРз о	08590-00042	1	COVER-VTO SHIELD	28480	08590-00042
MP6 0520-0181 1 SCREW-MACH 2-56 .875-IN-LG PAN-HD-POZI 04771 MP8 1200-0172 1 INSULATOR-XSTR DAP-GL 02608 7717-88 P1 1252-2349 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-23 Q1 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02	MP4	08590-20188	1	SHIELD-VTO	28480	08590-20188
MP8 1200-0172 1 INSULATOR-XSTR DAP-GL 02608 7717-86 P1 1252-2349 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-23 Q1 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02	MP5 C	08590-20189	1	COVER-BOTTOM VTO	28480	08590-20189
P1 1252-2349 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-23 Q1 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02	MP6	0520-0181	1	SCREW-MACH 2-56 .875-IN-LG PAN-HD-POZI	04771	
Q1 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02	MP8	1200-0172	1	INSULATOR-XSTR DAP-GL	02608	7717-89DAP
Q1 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02	P1	1252-2349	,	CONN-POST TYPE 100-PIN-SPCG-MTG-END	28480	1252-2340
Q2 1853-0075 1 TRANSISTOR-DUAL PNP PD=400MW 28480 1853-00		1853-0075	_ [TRANSISTOR-DUAL PNP PD=400MW		
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Q4 1854-0295 1 TRANSISTOR-DUAL NPN TO-78 PD=400MW 28480 1854-02	₩4	1004-0290	1	TRANSISTOR-DUAL INFN TO-18 PD=400MW	∠648U	1004-0295

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	4,03		Code	Number
Q5	1853-0075	1	TRANSISTOR-DUAL PNP PD=400MW	28480	
Q6	1854-0295	1	TRANSISTOR-DUAL NPN TO-78 PD=400MW	28480	1854-0295
Q7	1855-1002	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	28480	1855-1002
Q8	1855-1002	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	28480	1855-1002
Q9	1855-1002	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	28480	1855-1002
Q10	1855-1002	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	28480	1855-1002
Q11	1853-0388	1	TRANSISTOR-DUAL PNP TO-78 PD=600MW	28480	1853-0388
Q12	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q13	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q14	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0555
Q15	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q16	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q17	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q18	1854-0946	1	TRANSISTOR NPN SI PD=290MW	28480	1854-0946
Q19	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q20	1854-0946	1	TRANSISTOR NPN SI PD=290MW	28480	1854-0946
Q21	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
R1	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R2	0698-8827	1	RESISTOR 1M +-1% .125W TF TC=0+-100	28480	0698-8827
RЗ	0698-7264	1	RESISTOR 14.7K +-1% .05W TF TC=0+-100	28480	0698-7264
R4	0698-7271	1	RESISTOR 28.7K +-1% .05W TF TC=0+-100	28480	0698-7271
R5	0698-7273	1	RESISTOR 34.8K +-1% .05W TF TC=0+-100	28480	0698-7273
R6	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R7	0698-7221	1	RESISTOR 237 +-1% .05W TF TC=0+-100	28480	0698-7221
R8	0698-7252	1	RESISTOR 4.64K +-1% .05W TF TC=0+-100	28480	0698-7252
R9	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R10	0698-7255	1	RESISTOR 6.19K +-1% .05W TF TC=0+-100	28480	0698-7255
R11	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R12	0698-7252	1	RESISTOR 4.64K +-1% .05W TF TC=0+-100	28480	0698-7252
R13	0698-7252	1	RESISTOR 4.64K +-1% .05W TF TC=0+-100	28480	0698-7252
R14	0698-7221	1	RESISTOR 237 +-1% .05W TF TC=0+-100	28480	0698-7221
R15	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243
R16	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R17	0698-3266	1	RESISTOR 237K +-1% .125W TF TC=0+-100	28480	0698-3266
R18	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	Quy	Description	Code	Number
R19	0698-8827	1	RESISTOR 1M +-1% .125W TF TC=0+-100	28480	0698-8827
R20	0698-6361	1	RESISTOR 8K +-0.1% .125W TF TC=0+-25	28480	0698-6361
R21	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R22	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R23	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R24	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R25	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R26	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243
R27	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R28	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R29	0698-7268	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	28480	0698-7268
R30	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R31	0698-7268	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	28480	0698-7268
R32	0757-0421	1	RESISTOR 825 +-1% .125W TF TC=0+-100	28480	0757-0421
R33	0698-6362	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	28480	0698-6362
R34	0698-6322	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	0698-6322
R35	0757-0288	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	28480	0757-0288
R36	0698-6353	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	28480	0698-6353
R37	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R38	0698-7268	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	28480	0698-7268
R39	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R40	0698-7268	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	28480	0698-7268
R41	0698-6619	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	28480	0698-6619
R42	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R43	2100-3750	1	RESISTOR-TRMR 20K 10% TKF SIDE-ADJ	28480	2100-3750
R44	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	20.200	0698-7244
R45	0698-7275	1	RESISTOR 42.2K +-1% .05W TF TC=0+-100		0698-7275
R46	0698-3429	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100		0698-3429
R47	0811-3619	1	RESISTOR 260 +-2% .125W PN TC=+3400+-300		0811-3619
R48	0757-0470	1	RESISTOR 162K +-1% .125W TF TC=0+-100	28480	0757-0470
R49	2100-0544	1	RESISTOR-TRMR 100K 10% TKF SIDE-ADJ		2100-0544
R50	0698-7267	1	RESISTOR 19.6K +-1% .05W TF TC=0+-100		0698-7267
R51	0811-3575	1	RESISTOR 3K +-2% .125W PN TC=+5600+-300		0811-3575
R52	0698-3266	1	RESISTOR 237K +-1% .125W TF TC=0+-100	28480	
R53	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212

Reference	HP Part	Qty	Description	Mfr	Mfr Part Number
Designator	Number			Code	Number
R54	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R55	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R56	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R57	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R58	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R59	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R60	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R61	0811-3575	1	RESISTOR 3K +-2% .125W PN TC=+5600+-300	28480	0811-3575
R62	0698-6624	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0698-6624
R63	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R64	0698-7241	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	28480	0698-7241
R65	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R66	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R67	0698-3627	1	RESISTOR 200 +-5% 2W MO TC=0+-200	28480	0698-3627
R68	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R69	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R70	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R71	0698-3627	1	RESISTOR 200 +-5% 2W MO TC=0+-200	28480	0698-3627
R72	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R73	0698-7256	1	RESISTOR 6.81K +-1% .05W TF TC=0+-100	28480	0698-7256
R74	0698-7216	1	RESISTOR 147 +-1% .05W TF TC=0+-100	28480	0698-7216
R75	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	28480	0698-7244
R76	0698-7264	1	RESISTOR 14.7K +-1% .05W TF TC=0+-100	28480	0698-7264
R77	0698-7286	1	RESISTOR 121K +-1% .05W TF TC=0+-100	28480	0698-7286
R78	0698-7228	1	RESISTOR 464 +-1% .05W TF TC=0+-100	28480	0698-7228
R79	0698-7228	1	RESISTOR 464 +-1% .05W TF TC=0+-100	28480	0698-7228
R80	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	
R81	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R82	0698-8827	1	RESISTOR 1M +-1% .125W TF TC=0+-100	28480	0698-8827
R83	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R84	0698-6358	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	28480	
R85	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R86	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	
R87	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	
R88	0698-6774	1	RESISTOR 150 +-0.1% .125W TF TC=0+-25	28480	0698-6774

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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Designator	rumber			Code	lvumber
R89	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R90	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R91	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R92	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R93	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R94	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R95	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R96	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R97	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R98	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R99	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R100	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R101	2100-0544	1	RESISTOR-TRMR 100K 10% TKF SIDE-ADJ	28480	2100-0544
R102	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R103	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
	:		:		
R104	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R105	0698-7250	1	RESISTOR 3.83K +-1% .05W TF TC=0+-100	28480	0698-7250
R106	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R107	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R108	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R109	0698-7250	1	RESISTOR 3.83K +-1% .05W TF TC=0+-100	28480	0698-7250
R110	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R111	0698-3443	1	RESISTOR 287 +-1% .125W TF TC=0+-100	28480	0698-3443
R112	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R113	0698-7214	1	RESISTOR 121 +-1% .05W TF TC=0+-100	28480	0698-7214
R114	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R115	0698-7214	1	RESISTOR 121 +-1% .05W TF TC=0+-100	28480	0698-7214
R116	0698-7214	1	RESISTOR 121 +-1% .05W TF TC=0+-100	28480	0698-7214
R117	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R118	0698-7214	1	RESISTOR 121 +-1% .05W TF TC=0+-100	28480	0698-7214
R119	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R120	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R121	0698-7263	1	RESISTOR 13.3K +-1% .05W TF TC=0+-100	28480	0698-7263
R122	0698-7240	1	RESISTOR 1.47K +-1% .05W TF TC=0+-100	28480	0698-7240
R123	0757-0276	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	28480	0757-0276

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R124	0698-8827	1	RESISTOR 1M +-1% .125W TF TC=0+-100	28480	0698-8827
R125	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R126	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R127	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R128	2100-0544	1	RESISTOR-TRMR 100K 10% TKF SIDE-ADJ	28480	2100-0544
R129	0757-0422	1	RESISTOR 909 +-1% .125W TF TC=0+-100	28480	0757-0422
TP1	0360-0124	1	CONNECTOR-SGL CONT PIN .04-IN-BSC-SZ RND	13309	
TP2	0360-0124	1	CONNECTOR-SGL CONT PIN .04-IN-BSC-SZ RND	13309	
U1	1826-1381	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P	28480	1826-1381
U2	1826-1381	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P	28480	1826-1381
UЗ	1826-1381	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P	28480	1826-1381
U4	1826-1381	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P	28480	1826-1381
U5	1826-0759	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	28480	1826-0759
U6	1826-1381	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P	28480	1826-1381
U7	1826-1049	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1049
U8	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U9	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U10	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U11	1826-0609	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	28480	1826-0609
U12	1826-0547	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	28480	1826-0547
U13	1826-0141	1	IC COMPARATOR GP DUAL 14 PIN DIP-C	28480	1826-0141
U14	1820-3173	1	IC FF CMOS/HC J-K NEG-EDGE-TRIG	28480	1820-3173
U15	1820-3790	1	IC LCH CMOS/HC D-TYPE OCTL	28480	1820-3790
U16	1826-1234	1	D/A 8-BIT 20-CERDIP CMOS	28480	1826-1234
U17	08590-80105	1	PAL-PRGM U1	28480	08590-80105
U18	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U19	1820-3079		IC DCDR-DEMUXR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U20	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U21	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U22	1858-0047	1	TRANSISTOR ARRAY 16-PIN PLSTC DIP	28480	1858-0047
U23	1826-0547	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	28480	1826-0547
U24	1826-0547		IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN		1826-0547
Y1	0410-2139	1	RESONATOR-SURF ACST W FREQUENCY:707.13		0410-2139

26) 11×17 08590-60196-2 27) 11×17 08590-60196-1 1042 28) 11×17 2942

Component-Level Information Packet for 08590-60344

3RD Converter



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HP Part Number 08590-60344 **3RD Converter**

Reference	HP Part	O4	Description	Mfr	Mfr Part
Designator	Number	Qty	Description	Code	ŀ
C1	0160-4799	1	CAP-FXD 2.2pF +-11.36% 100 V CER COG	28480	0160-4799
C2	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C3	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C4	0160-4382	1	CAP-FXD 3.3pF +-7.58% 200 V CER C0G	28480	0160-4382
C5	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C6	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C7	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C8	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C9	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C10	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C11	0160-4795	1	CAP-FXD $4.7pF + -10.64\% 100 V$ CER COG	28480	0160-4795
C12	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C13	0160-4793	1	CAP-FXD 6.8pF +-7.35% 100 V CER COG	28480	0160-4793
C14	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C15	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C16	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C17	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C18	0160-4801	1	CAP-FXD 100pF +-5% 100 V CER C0G	28480	0160-4801
C19	0180-4130	1	CAP-FXD 2.2uF +-10% 20 V TA	28480	0180-4130
C20	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C21	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C22	0160-4805	1	CAP-FXD 47pF +-5% 100 V CER C0G	28480	0160-4805
C23	0160-4805	1	CAP-FXD 47pF +-5% 100 V CER C0G	28480	0160-4805
C24	0160-4805	1	CAP-FXD 47pF +-5% 100 V CER C0G	28480	0160-4805
C25	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C26	0160-4799	1	CAP-FXD 2.2pF +-11.36% 100 V CER COG	28480	0160-4799
C27	0180-4132	1	CAP-FXD 6.8uF +-10% 35 V TA		0180-4132
C28	0160-4822	1	CAP-FXD 1000 _P F +-5% 100 V CER C0G	28480	0160-4822
C29	0180-4130	1	CAP-FXD 2.2uF +-10% 20 V TA	28480	0180-4130
C30	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C31	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C32	0160-4389	1	CAP-FXD 100pF +-5% 200 V CER COG	28480	0160-4389
C34	0180-4134	1	CAP-FXD 22uF +-10% 15 V TA	28480	0180-4134
C36	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C37	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C38	0160-4523	1	CAP-FXD 16pF +-5% 200 V CER C0G	28480	0160-4523
C39	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	0160-4574
C41	0160-4798	1	CAP-FXD 2.7pF +-9.26% 100 V CER C0G	28480	0160-4798
C43	0160-4795	1	CAP-FXD 4.7pF +-10.64% 100 V CER COG	28480	0160-4795
C44	0121-0444	1	CAP-VAR 9pF 3pF 160 V CER COG	28480	0121-0444
C45	0160-4795	1	CAP-FXD 4.7pF +-10.64% 100 V CER COG	28480	0160-4795
C46	0121-0444	1	CAP-VAR 9pF 3pF 160 V CER C0G	28480	0121-0444
C47	0121-0444	1	CAP-VAR 9pF 3pF 160 V CER C0G	28480	0121-0444
C48	0160-4796	1	CAP-FXD 3.9pF +-6.4% 100 V CER C0G	28480	0160-4796
C49	0160-3872	1	CAP-FXD 2.2pF +-11.36% 200 V CER COG	28480	0160-3872
C50	0160-4809	1	CAP-FXD 390pF +-5% 100 V CER C0G	28480	0160-4809
C51	0160-5348	1	CAP-FXD 51pF +-5% 100 V CER C0G	28480	0160-5348
C52	0160-3873	1	CAP-FXD 4.7pF +-10.64% 200 V CER C0G	28480	0160-3873
C53	0160-5413	1	CAP-FXD 160pF +-5% 100 V CER C0G	28480	0160-5413
C54	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C55	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C56	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C57	0160-4831	1	CAP-FXD 4700pF +-10% 100 V CER X7R	28480	0160-4831
C58	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C59	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C61	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	
C62	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	
C63	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	
C64	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C65	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	28480	0160-4535
Con	0160 2070		CAR EVD 47-E + 10 0407 000 V CED COC	00400	0160 2070
C66	0160-3873	1	CAP-FXD 4.7pF +-10.64% 200 V CER COG		0160-3873
C67	0160-3873	1	CAP-FXD 4.7pF +-10.64% 200 V CER COG	28480	
C68	0160-4383	1	CAP-FXD 6.8pF +-7.35% 200 V CER COG		0160-4383 0160-4490
C69	0160-4490	1	CAP-FXD 1.8pF +-13.89% 200 V CER COG	28480	
C70	0160-4801	1	CAP-FXD 100 _P F +-5% 100 V CER COG	28480	0160-4801
C71	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C72	0160-3122	1	CAP-FXD 0.01uF +-20% 100 V CER X7R		0160-3879
C73	0160-4380	1	CAP-FXD 1pF +-25% 200 V CER COG	28480	
C74	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	
C75	0160-4382	1	CAP-FXD 3.3pF +-7.58% 200 V CER COG	28480	
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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C76	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C77	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C78	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C79	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C80	0160-4383	1	CAP-FXD 6.8pF +-7.35% 200 V CER COG	28480	0160-4383
CR1	0122-0161	1	DIODE-VVC 2.15PF 7% C 3/C25-MIN=4.5	28480	0122-0161
CR2	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
J1	1252-2816	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2816
J2	1250-1512	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	414963-1
J 3	1250-1512	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	414963-1
J 4	1250-1512	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	414963-1
J5	1250-1512	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	414963-1
J6	1252-2816	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2816
L1	9100-2251	1	INDUCTOR RF-CH-MLD 220nH +-10%	28480	9100-2251
L2	9135-0076	1	INDUCTOR RF-CH-MLD 39nH +-6%	05524	010150-054
LЗ	9135-0075	1	INDUCTOR RF-CH-MLD 43nH +-6.047%	05524	
L4	9100-2256	1	INDUCTOR RF-CH-MLD 560nH +-10%	28480	9100-2256
L5	9100-2247	1	INDUCTOR RF-CH-MLD 100nH +-10%	28480	9100-2247
L6	9100-2255	1	INDUCTOR RF-CH-MLD 470nH +-10%	28480	9100-2255
L7	9100-2255	1	INDUCTOR RF-CH-MLD 470nH +-10%	28480	9100-2255
L9	9100-2891	1	INDUCTOR RF-CH-MLD 50nH +-10%	28480	9100-2891
L10	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
L11	9100-2256	1	INDUCTOR RF-CH-MLD 560nH +-10%	28480	9100-2256
L12	9100-2250	1	INDUCTOR RF-CH-MLD 180nH +-10%	28480	9100-2250
L13	9100-3552	1	INDUCTOR RF-CH-MLD 1.5uH +-5%	28480	9100-3552
L14	9100-3560	1	INDUCTOR RF-CH-MLD 5.6uH +-5%	28480	9100-3560
L16	9100-3562	1	INDUCTOR RF-CH-MLD 4.7uH +-5%	28480	9100-3562
L18	9135-0068	1	INDUCTOR RF-CH-MLD 33nH +-6.36%	05524	
L20	9100-2250	1	INDUCTOR RF-CH-MLD 180nH +-10%	28480	9100-2250
L22	9100-2251	1	INDUCTOR RF-CH-MLD 220nH +-10%	28480	9100-2251
L24	9100-2255	1	INDUCTOR RF-CH-MLD 470nH +-10%	28480	9100-2255
L25	9100-2247	1	INDUCTOR RF-CH-MLD 100nH +-10%	28480	9100-2247
L26	9135-0077	1	INDUCTOR 36nH +-6.389% 2.6D-mmX6.6LG-mm	03273	10M036X-1
MP2	2190-0124	1	WASHER-LK INTL T NO. 10 .195-IN-ID	02788	500222
МРЗ	2950-0078	1	NUT-HEX-DBL-CHAM 10-32-THD .067-IN-THK	00904	

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
MP4	2200-0101	1	SCREW-MACH 4-40 .188-IN-LG PAN-HD-POZI	04771	
MP5	5002-0668	1	CVR-3RD CONV 001	28480	5002-0668
MP6	86701-40001	1	EXTRACTOR PC	28480	86701-40001
MP7	1200-0173	1	INSULATOR-XSTR DAP-GL	02608	7717-86 DAP
MP9	5001-5539	1	STRAP-GROUND	28480	5001-5539
MP10	5001-5539	1	STRAP-GROUND	28480	5001-5539
MP13	2200-0101	1	SCREW-MACH 4-40 .188-IN-LG PAN-HD-POZI	04771	
MP14	2190-0124	1	WASHER-LK INTL T NO. 10 .195-IN-ID	02788	500222
MP15	2950-0078	1	NUT-HEX-DBL-CHAM 10-32-THD .067-IN-THK	00904	
MP17	2190-0124	1	WASHER-LK INTL T NO. 10 .195-IN-ID	02788	500222
MP18	2950-0078	1	NUT-HEX-DBL-CHAM 10-32-THD .067-IN-THK	00904	
MP20	2190-0124	1	WASHER-LK INTL T NO. 10 .195-IN-ID	02788	500222
MP21	2950-0078	1	NUT-HEX-DBL-CHAM 10-32-THD .067-IN-THK	00904	
Q1	1853-0451	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	28480	1853-0451
Q2	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	28480	1854-1032
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Q4	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	28480	1854-1032
Q5	1853-0451	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	28480	1853-0451
Q6	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	28480	1854-1032
Q7	1853-0007	1	TRANSISTOR PNP 2N3251 SI TO-18 PD=360MW	28480	1853-0007
Q8	1854-1142	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=6GHZ	28480	1854-1142
	,				
Q9	1853-0451	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	28480	1853-0451
Q10	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	28480	1854-1032
Q11	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q12	1853-0451	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	28480	1853-0451
Q13	1854-0946	1	TRANSISTOR NPN SI PD=290MW	28480	1854-0946
R1	0698-7257	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	28480	0698-7257
R2	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100		0698-7253
R3	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R4	0699-2069	1	RESISTOR 13.3 +-1% .05W TF TC=0+-100	28480	0699-2069
R5	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445
R6	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100		0698-3445
R7	0698-7219	1	RESISTOR 196 +-1% .05W TF TC=0+-100	28480	
R8	0698-7221	1	RESISTOR 237 +-1% .05W TF TC=0+-100	28480	
R9	0699-1903	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	
R10	0699-1948	1	RESISTOR 46.4 +-1% .05W TF TC=0+-100	28480	0699-1948

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	, -	·	Code	Number
R11	0698-7219	1	RESISTOR 196 +-1% .05W TF TC=0+-100	28480	0698-7219
R12	0698-7237	1	RESISTOR 1.1K +-1% .05W TF TC=0+-100	28480	0698-7237
R13	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R14	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R15	0698-7209	1	RESISTOR 75 +-1% .05W TF TC=0+-100	28480	0698-7209
R16	0698-7251	1	RESISTOR 4.22K +-1% .05W TF TC=0+-100	28480	0698-7251
R17	0698-7239	1	RESISTOR 1.33K +-1% .05W TF TC=0+-100	28480	0698-7239
R18	0698-7224	1	RESISTOR 316 +-1% .05W TF TC=0+-100	28480	0698-7224
R19	2100-3351	1	RESISTOR-TRMR 500 10% TKF SIDE-ADJ 1-TRN	28480	2100-3351
R20	0698-7237	1	RESISTOR 1.1K +-1% .05W TF TC=0+-100	28480	0698-7237
R21	0698-7216	1	RESISTOR 147 +-1% .05W TF TC=0+-100	28480	0698-7216
R22	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R23	0698-7216	1	RESISTOR 147 +-1% .05W TF TC=0+-100	28480	0698-7216
R24	0698-7224	1	RESISTOR 316 +-1% .05W TF TC=0+-100	28480	0698-7224
R25	0698-7197	1	RESISTOR 23.7 +-1% .05W TF TC=0+-100	28480	0698-7197
R26	0698-7255	1	RESISTOR 6.19K +-1% .05W TF TC=0+-100	28480	0698-7255
R27	0698-7254	1	RESISTOR 5.62K +-1% .05W TF TC=0+-100	28480	0698-7254
R28	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R29	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R30	0698-7192	1	RESISTOR 14.7 +-1% .05W TF TC=0+-100	28480	0698-7192
R32	0698-7217	1	RESISTOR 162 +-1% .05W TF TC=0+-100	28480	0698-7217
R33	0757-0402	1	RESISTOR 110 +-1% .125W TF TC=0+-100	28480	0757-0402
R34	0757-0398	1	RESISTOR 75 +-1% .125W TF TC=0+-100	28480	0757-0398
R35	0698-7210	1	RESISTOR 82.5 +-1% .05W TF TC=0+-100	28480	0698-7210
R36	0698-3430	. 1	RESISTOR 21.5 +-1% .125W TF TC=0+-100	28480	0698-3430
R37	0698-3430	1	RESISTOR 21.5 +-1% .125W TF TC=0+-100	28480	0698-3430
R38	0698-0082	1	RESISTOR 464 +-1% .125W TF TC=0+-100	28480	0698-0082
R39	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R40	0698-3136	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	28480	0698-3136
R41	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R42	0698-3442	1	RESISTOR 237 +-1% .125W TF TC=0+-100	28480	0698-3442
R43	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R44	0699-1903	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0699-1903
R45	0699-1903	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0699-1903
R46	0698-8822	1	RESISTOR 6.81 +-1% .125W TF TC=0+-100	28480	0698-8822

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R47	0698-8822	1	RESISTOR 6.81 +-1% .125W TF TC=0+-100	28480	0698-8822
R48	0698-7261	1	RESISTOR 11K +-1% .05W TF TC=0+-100	28480	0698-7261
R49	0698-7251	1	RESISTOR 4.22K +-1% .05W TF TC=0+-100	28480	0698-7251
R50	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243
R51	0698-7224	1	RESISTOR 316 +-1% .05W TF TC=0+-100	28480	0698-7224
R52	0757-0405	1	RESISTOR 162 +-1% .125W TF TC=0+-100	28480	0757-0405
R53	0757-0405	1	RESISTOR 162 +-1% .125W TF TC=0+-100	28480	0757-0405
R54	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R55	0757-0419	1	RESISTOR 681 +-1% .25W TF TC=0+-100	28480	0757-0419
R56	0698-0082	1	RESISTOR 464 +-1% .125W TF TC=0+-100	28480	0698-0082
R57	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R58	0698-7210	1	RESISTOR 82.5 +-1% .05W TF TC=0+-100	28480	0698-7210
R59	0698-0084	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	28480	0698-0084
R60	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R62	0698-0084	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	28480	0698-0084
R63	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R64	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R65	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R66	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R67	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R68	2100-3355	1	RESISTOR-TRMR 100K 10% TKF SIDE-ADJ	28480	2100-3355
R69	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R70	0698-7215	1	RESISTOR 133 +-1% .05W TF TC=0+-100	28480	0698-7215
T1	08558-80003	1	COIL B.P. FILTER	28480	08558-80003
U1	1821-0961	1	IC PRESCR ECL DIV-X-2	28480	1821-0961
U2	1826-0372	1	IC MISC 8 PIN DIP-P	28480	1826-0372
U3	1813-0211	1	IC WIDEBAND AMPL TO-39	28480	1813-0211
U4	0955-0113	1	U-WAVE MIXER 1 GHZ MAX	02739	TFM-2-38
U5	0410-2119	1	RESONATOR-SURF ACST W FREQUENCY:599.95	28480	0410-2119
VR1	1902-0025	1	DIODE-ZNR 10V 5% DO-35 PD=.4W TC=+.06%	28480	1902-0025
VR2	1902-0947	1	DIODE-ZNR 3.6V 5% DO-35 PD=.4W TC=036%	02037	SZ30035-5
W1	8159-0005	1	RESISTOR 0 CWM	28480	8159-0005

(29) 11×17 08590-60344-2 (38) 11×17 08590-60344-1

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Component-Level Information Packet for 08591-60081

3RD Converter



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HP Part Number 08591-60081 **3RD Converter**

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C1	0160-4799	1	CAP-FXD 2.2pF +-11.36% 100 V CER COG	28480	0160-4799
C2	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C3	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C4	0160-4382	1	CAP-FXD 3.3pF +-7.58% 200 V CER C0G	28480	0160-4382
C5	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C6	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C7	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C8	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C9	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C10	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C11	0160-4795	1	CAP-FXD 4.7 _P F +-10.64% 100 V CER COG	28480	0160-4795
C12	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C13	0160-4793	1	CAP-FXD 6.8pF +-7.35% 100 V CER C0G	28480	0160-4793
C14	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C15	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C16	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C17	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C18	0160-4801	1	CAP-FXD 100pF +-5% 100 V CER COG	28480	0160-4801
C19	0180-4130	1	CAP-FXD 2.2uF +-10% 20 V TA	28480	0180-4130
C20	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C21	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	20400	0160 4930
C21 C22		1	•	28480	0160-4832
	0160-4805	1	CAP-FXD 47pF +-5% 100 V CER COG	28480	0160-4805
C23 C24	0160-4805	1	CAP-FXD 47pF +-5% 100 V CER COG	28480	0160-4805
· ·	0160-4805 0160-3879	_	CAP-FXD 47pF +-5% 100 V CER COG	28480	0160-4805
C25	0100-3819	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C26	0160-4799	1	CAP-FXD 2.2pF +-11.36% 100 V CER COG	28480	0160-4799
C27	0180-4132	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-4132
C28	0160-4822	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4822
C29	0180-4130	1	CAP-FXD 2.2uF +-10% 20 V TA	28480	0180-4130
C30	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C31	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C32	0160-4389	1	CAP-FXD 100pF +-5% 200 V CER C0G	28480	0160-4389
C34	0180-4134	1	CAP-FXD 22uF +-10% 15 V TA	28480	0180-4134
C36	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C37	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	•		Code	Number
C38	0160-4523	1	CAP-FXD 16pF +-5% 200 V CER COG	28480	0160-4523
C39	0160-4574	1	CAP-FXD 1000 _P F +-10% 100 V CER X7R	28480	0160-4574
C41	0160-4798	1	CAP-FXD 2.7pF +-9.26% 100 V CER COG	28480	0160-4798
C43	0160-4795	1	CAP-FXD $4.7pF +-10.64\%$ 100 V CER COG	28480	0160-4795
C44	0121-0444	1	CAP-VAR 9pF 3pF 160 V CER COG	28480	0121-0444
C45	0160-4795	1	CAP-FXD 4.7pF +-10.64% 100 V CER COG	28480	0160-4795
C46	0121-0444	1	CAP-VAR 9pF 3pF 160 V CER C0G	28480	0121-0444
C47	0121-0444	1	CAP-VAR 9pF 3pF 160 V CER C0G	28480	0121-0444
C48	0160-4796	1	CAP-FXD 3.9pF +-6.4% 100 V CER C0G	28480	0160-4796
C49	0160-3872	1	CAP-FXD 2.2pF +-11.36% 200 V CER C0G	28480	0160-3872
C50	0160-4809	1	CAP-FXD 390pF +-5% 100 V CER C0G	28480	0160-4809
C51	0160-5348	1	CAP-FXD $51pF +-5\%$ 100 V CER C0G	28480	0160-5348
C52	0160-3873	1	CAP-FXD 4.7pF +-10.64% 200 V CER C0G	28480	0160-3873
C53	0160-5413	1	CAP-FXD 160pF +-5% 100 V CER C0G	28480	0160-5413
C54	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
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C55	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C56	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C57	0160-4831	1	CAP-FXD 4700pF +-10% 100 V CER X7R	28480	0160-4831
C58	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C59	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C61	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C62	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C63	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C64	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C65	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	28480	0160-4535
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C66	0160-3873	1	CAP-FXD 4.7pF +-10.64% 200 V CER COG	28480	0160-3873
C67	0160-3873	1	CAP-FXD 4.7pF +-10.64% 200 V CER COG		0160-3873
C68	0160-4383	1	CAP-FXD 6.8pF +-7.35% 200 V CER COG	28480	
C69	0160-4490	1	CAP-FXD 1.8pF +-13.89% 200 V CER COG	28480	0160-4490
C70	0160-4801	1	CAP-FXD 100 _P F +-5% 100 V CER C0G	28480	0160-4801
C71	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	
C72	0160-3879	i	CAP-FXD 0.01uF +-20% 100 V CER X7R		0160-3879
C73	0160-4380	l	CAP-FXD 1pF +-25% 200 V CER COG	28480	
C74	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	
C75	0160-4382	1	CAP-FXD 3.3pF +-7.58% 200 V CER COG	28480	0160-4382
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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C76	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	i	0160-3879
C77	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R		0160-4832
C78	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C79	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R		0160-3879
C80	0160-4383	1	CAP-FXD 6.8pF +-7.35% 200 V CER C0G	28480	0160-4383
CR1	0122-0161	1	DIODE-VVC 2.15PF 7% C 3/C25-MIN=4.5	28480	0122-0161
CR2	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
J1	1252-2816	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2816
J2	1250-1512	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	414963-1
Ј3	1250-1512	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	414963-1
J 4	1250-1512	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	414963-1
J5	1250-1512	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	414963-1
J6	1252-2816	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2816
L1	9100-2251	1	INDUCTOR RF-CH-MLD 220nH +-10%	28480	9100-2251
L2	9135-0070	1	INDUCTOR 24nH +-6.25% 2.6D-mmX6.6LG-mm	03273	10M024X-1
L3	9135-0075	1	INDUCTOR RF-CH-MLD 43nH +-6.047%	05524	
L4	9100-2256	1	INDUCTOR RF-CH-MLD 560nH +-10%	28480	9100-2256
L5	9100-2247	1	INDUCTOR RF-CH-MLD 100nH +-10%	28480	9100-2247
L6	9100-2255	1	INDUCTOR RF-CH-MLD 470nH +-10%	28480	9100-2255
L7	9100-2255	1	INDUCTOR RF-CH-MLD 470nH +-10%	28480	9100-2255
L9	9100-2891	1	INDUCTOR RF-CH-MLD 50nH +-10%	28480	9100-2891
L10	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
L11	9100-2256	1	INDUCTOR RF-CH-MLD 560nH +-10%	28480	9100-2256
L12	9100-2250	1	INDUCTOR RF-CH-MLD 180nH +-10%	28480	9100-2250
L13	9100-3552	1	INDUCTOR RF-CH-MLD 1.5uH +-5%	28480	9100-3552
L14	9100-3560	1	INDUCTOR RF-CH-MLD 5.6uH +-5%	28480	9100-3560
L16	9100-3562	1	INDUCTOR RF-CH-MLD 4.7uH +-5%		9100-3562
L18	9135-0068		INDUCTOR RF-CH-MLD 33nH +-6.36%	05524	
L20	9100-2250	1	INDUCTOR RF-CH-MLD 180nH +-10%	28480	9100-2250
L22	9100-2251	1	INDUCTOR RF-CH-MLD 220nH +-10%	28480	9100-2251
L24	9100-2255	1	INDUCTOR RF-CH-MLD 470nH +-10%	28480	9100-2255
	9100-2247		INDUCTOR RF-CH-MLD 100nH +-10%		9100-2247
_	9135-0077	_	INDUCTOR 36nH +-6.389% 2.6D-mmX6.6LG-mm	l	10M036X-1
	2190-0124	ĺ	WASHER-LK INTL T NO. 10 .195-IN-ID	ı	500222
	2950-0078		NUT-HEX-DBL-CHAM 10-32-THD .067-IN-THK	00904	

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
MP4	2200-0101	1	SCREW-MACH 4-40 .188-IN-LG PAN-HD-POZI	04771	
MP5	5002-0667	1	COVER-3RD CONV	28480	5002-0667
MP6	86701-40001	1	EXTRACTOR PC	28480	86701-40001
MP7	1200-0173	1	INSULATOR-XSTR DAP-GL	02608	7717-86 DAP
MP9	5001-5539	1	STRAP-GROUND	28480	5001-5539
MP10	5001-5539	1	STRAP-GROUND	28480	5001-5539
MP13	2200-0101	1	SCREW-MACH 4-40 .188-IN-LG PAN-HD-POZI	04771	
MP14	2190-0124	1	WASHER-LK INTL T NO. 10 .195-IN-ID	02788	500222
MP15	2950-0078	1	NUT-HEX-DBL-CHAM 10-32-THD .067-IN-THK	00904	
MP17	2190-0124	1	WASHER-LK INTL T NO. 10 .195-IN-ID	02788	500222
MP18	2950-0078	1	NUT-HEX-DBL-CHAM 10-32-THD .067-IN-THK	00904	
MP20	2190-0124	1	WASHER-LK INTL T NO. 10 .195-IN-ID	02788	500222
MP21	2950-0078	1	NUT-HEX-DBL-CHAM 10-32-THD .067-IN-THK	00904	
Q1	1853-0451	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	28480	1853-0451
Q2	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	28480	1854-1032
Q4	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	28480	1854-1032
Q5	1853-0451	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	28480	1853-0451
Q6	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	28480	1854-1032
Q7	1853-0007	1	TRANSISTOR PNP 2N3251 SI TO-18 PD=360MW	28480	1853-0007
Q8	1854-1142	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=6GHZ	28480	1854-1142
Q9	1853-0451	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	28480	1853-0451
Q10	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	28480	1854-1032
Q11	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q12	1853-0451	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	28480	1853-0451
Q13	1854-0946	1	TRANSISTOR NPN SI PD=290MW	28480	1854-0946
R1	0698-7257	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	28480	0698-7257
R2	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R3	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R4	0699-2069	1	RESISTOR 13.3 +-1% .05W TF TC=0+-100	28480	0699-2069
R5	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445
R6	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445
R7	0698-7219	1	RESISTOR 196 +-1% .05W TF TC=0+-100	28480	0698-7219
R8	0698-7221	1	RESISTOR 237 +-1% .05W TF TC=0+-100	28480	0698-7221
R9	0699-1903	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0699-1903
R10	0699-1948	1	RESISTOR 46.4 +-1% .05W TF TC=0+-100	28480	0699-1948

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number		-	Code	Number
R11	0698-7219	1	RESISTOR 196 +-1% .05W TF TC=0+-100	28480	0698-7219
R12	0698-7237	1	RESISTOR 1.1K +-1% .05W TF TC=0+-100		0698-7237
R13	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100		0698-7188
R14	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480]
R15	0698-7209	1	RESISTOR 75 +-1% .05W TF TC=0+-100	28480	0698-7209
1010	0000-1200	•	10000101110 177 100 11 10 0 1 100	20100	0000 1200
R16	0698-7251	1	RESISTOR 4.22K +-1% .05W TF TC=0+-100	28480	0698-7251
R17	0698-7239	1	RESISTOR 1.33K +-1% .05W TF TC=0+-100	28480	0698-7239
R18	0698-7224	1	RESISTOR 316 +-1% .05W TF TC=0+-100	28480	0698-7224
R19	2100-3351	1	RESISTOR-TRMR 500 10% TKF SIDE-ADJ 1-TRN	28480	2100-3351
R20	0698-7235	1	RESISTOR 909 +-1% .05W TF TC=0+-100	28480	0698-7235
R21	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R22	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R23	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R24	0698-7224	1	RESISTOR 316 +-1% .05W TF TC=0+-100	28480	0698-7224
R25	0698-7197	1	RESISTOR 23.7 +-1% .05W TF TC=0+-100	28480	0698-7197
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R26	0698-7255	1	RESISTOR 6.19K +-1% .05W TF TC=0+-100	28480	0698-7255
R27	0698-7254	1	RESISTOR 5.62K +-1% .05W TF TC=0+-100	28480	0698-7254
R28	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R29	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R30	0698-7192	1	RESISTOR 14.7 +-1% .05W TF TC=0+-100	28480	0698-7192
R32	0698-7217	1	RESISTOR 162 +-1% .05W TF TC=0+-100	28480	
R33	0757-0402	1	RESISTOR 110 +-1% .125W TF TC=0+-100	28480	
R34	0757-0398	1	RESISTOR 75 +-1% .125W TF TC=0+-100	28480	0757-0398
R35	0698-7210	1	RESISTOR 82.5 +-1% .05W TF TC=0+-100	28480	
R36	0698-3430	1	RESISTOR 21.5 +-1% .125W TF TC=0+-100	28480	0698-3430
D27	0698-3430	,	RESISTOR 21.5 +-1% .125W TF TC=0+-100	2848U	0698-3430
R37 R38	0698-0082	1	RESISTOR 464 +-1% .125W TF TC=0+-100	28480	
R39	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100		0757-0442
R40	0698-3136	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100		0698-3136
R41	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100		0698-7253
1041	0000-1200	•	ITTO TO IT 0.1117 4-1/0 '00 M 11. 10-04-100	20-100	COSO-1203
R42	0698-3442	1	RESISTOR 237 +-1% .125W TF TC=0+-100	28480	0698-3442
R43	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100		0757-0280
R44	0699-1903	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0699-1903
R45	0699-1903	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0699-1903
R46	0698-8822	1	RESISTOR 6.81 +-1% .125W TF TC=0+-100	28480	0698-8822
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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R47	0698-8822	1	RESISTOR 6.81 +-1% .125W TF TC=0+-100	28480	0698-8822
R48	0698-7261	1	RESISTOR 11K +-1% .05W TF TC=0+-100	28480	0698-7261
R49	0698-7251	1	RESISTOR 4.22K +-1% .05W TF TC=0+-100	28480	0698-7251
R50	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243
R51	0698-7224	1	RESISTOR 316 +-1% .05W TF TC=0+-100	28480	0698-7224
R52	0757-0405	1	RESISTOR 162 +-1% .125W TF TC=0+-100	28480	0757-0405
R53	0757-0405	1	RESISTOR 162 +-1% .125W TF TC=0+-100	28480	0757-0405
R54	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R55	0757-0419	1	RESISTOR 681 +-1% .25W TF TC=0+-100	28480	0757-0419
R56	0698-0082	1	RESISTOR 464 +-1% .125W TF TC=0+-100	28480	0698-0082
R57	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R58	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R59	0698-0084	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	28480	0698-0084
R60	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R62	0698-0084	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	28480	0698-0084
R63	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R64	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R65	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R66	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R67	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R68	2100-3355	1	RESISTOR-TRMR 100K 10% TKF SIDE-ADJ	28480	2100-3355
R69	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R70	0698-7215	1	RESISTOR 133 +-1% .05W TF TC=0+-100	28480	0698-7215
T1	08558-80003	1	COIL B.P. FILTER	28480	08558-80003
U1	1821-0961	1	IC PRESCR ECL DIV-X-2	28480	1821-0961
U2	1826-0372	1	IC MISC 8 PIN DIP-P	28480	1826-0372
UЗ	1813-0211	1	IC WIDEBAND AMPL TO-39	28480	1813-0211
U4	0955-0113	1	U-WAVE MIXER 1 GHZ MAX	02739	TFM-2-38
U5	0410-2119	1	RESONATOR-SURF ACST W FREQUENCY:599.95	28480	0410-2119
VR1	1902-0025	1	DIODE-ZNR 10V 5% DO-35 PD=.4W TC=+.06%	28480	1902-0025
VR2	1902-0947	1	DIODE-ZNR 3.6V 5% DO-35 PD=.4W TC=036%	02037	SZ30035-5
W1	8159-0005	1	RESISTOR 0 CWM	28480	8159-0005

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Component-Level Information Packet for 08593-60062

3RD Converter



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HP Part Number 08593-60062 3RD Converter

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C1	0160-4799	1	CAP-FXD 2.2pF +-11.36% 100 V CER COG	28480	0160-4799
C2	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C3	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C4	0160-4382	1	CAP-FXD 3.3pF +-7.58% 200 V CER COG	28480	0160-4382
C5	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C6	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C7	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C8	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C9	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C10	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C11	0160-4795	1	CAP-FXD 4.7pF +-10.64% 100 V CER C0G	28480	0160-4795
C12	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C13	0160-4793	1	CAP-FXD 6.8pF +-7.35% 100 V CER COG	28480	0160-4793
C14	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C15	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
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C16	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C17	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C18	0160-4801	1	CAP-FXD 100pF +-5% 100 V CER C0G	28480	0160-4801
C19	0180-4130	1	CAP-FXD 2.2uF +-10% 20 V TA	28480	0180-4130
C20	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C21	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C22	0160-4805	1	CAP-FXD 47pF +-5% 100 V CER C0G	28480	0160-4805
C23	0160-4805	1	CAP-FXD 47pF +-5% 100 V CER COG	28480	0160-4805
C24	0160-4805	1	CAP-FXD 47pF +-5% 100 V CER C0G	28480	0160-4805
C25	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C26	0160-4799	1	CAP-FXD 2.2pF +-11.36% 100 V CER COG	28480	0160-4799
C27	0180-4132	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-4132
C28	0160-4822	1	CAP-FXD 1000 _P F +-5% 100 V CER C0G	28480	0160-4822
C29	0180-4130	1	CAP-FXD 2.2uF +-10% 20 V TA	28480	0180-4130
C30	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C31	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	
C32	0160-4389	1	CAP-FXD 100pF +-5% 200 V CER C0G	28480	
C34	0180-4134	1	CAP-FXD 22uF +-10% 15 V TA	28480	0180-4134
C36	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C37	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C38	0160-4523	1	CAP-FXD 16pF +-5% 200 V CER C0G	28480	0160-4523
C39	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	0160-4574
C41	0160-4798	1	CAP-FXD 2.7pF +-9.26% 100 V CER COG	28480	0160-4798
C43	0160-4795	1	CAP-FXD 4.7pF +-10.64% 100 V CER COG	28480	0160-4795
C44	0121-0444	1	CAP-VAR 9pF 3pF 160 V CER C0G	28480	0121-0444
C45	0160-4795	1	CAP-FXD 4.7pF +-10.64% 100 V CER COG	28480	0160-4795
C46	0121-0444	1	CAP-VAR 9pF 3pF 160 V CER C0G	28480	0121-0444
C47	0121-0444	1	CAP-VAR 9pF 3pF 160 V CER C0G	28480	0121-0444
C48	0160-4796	1	CAP-FXD 3.9pF +-6.4% 100 V CER COG	28480	0160-4796
C49	0160-3872	1	CAP-FXD 2.2pF +-11.36% 200 V CER COG	28480	0160-3872
C50	0160-4809	1	CAP-FXD 390pF +-5% 100 V CER COG	28480	0160-4809
C51	0160-5348	1	CAP-FXD 51pF +-5% 100 V CER C0G	28480	0160-5348
C52	0160-3873	1	CAP-FXD 4.7pF +-10.64% 200 V CER COG	28480	0160-3873
C53	0160-5413	1	CAP-FXD 160pF +-5% 100 V CER C0G	28480	0160-5413
C54	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C55	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C56	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	
C57	0160-4831	1	CAP-FXD 4700pF +-10% 100 V CER X7R	28480	0160-4831
C58	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C59	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C61	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C62	0160-3879	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C62	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C64	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C65	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	28480	0160-4535
C66	0160-3873		CAP-FXD 4.7pF +-10.64% 200 V CER COG	i	0160-3873
C67	0160-3873	1	CAP-FXD 4.7pF +-10.64% 200 V CER COG		
C68	0160-4383	1	CAP-FXD 6.8pF +-7.35% 200 V CER COG		0160-4383
C69	0160-4490	1	CAP-FXD 1.8pF +-13.89% 200 V CER COG		0160-4490
C70	0160-4801	1	CAP-FXD 100pF +-5% 100 V CER C0G	28480	0160-4801
C71	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C72	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C73	0160-4380	1	CAP-FXD 1pF +-25% 200 V CER C0G	28480	0160-4380
C74	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C75	0160-4382	1	CAP-FXD 3.3pF +-7.58% 200 V CER COG	28480	0160-4382
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Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C76	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C77	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C78	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C79	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C80	0160-4383	1	CAP-FXD 6.8pF +-7.35% 200 V CER C0G	28480	0160-4383
CR1	0122-0161	1	DIODE-VVC 2.15PF 7% C 3/C25-MIN=4.5	28480	0122-0161
CR2	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
J1	1252-2816	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2816
J2	1250-1512	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	414963-1
ЈЗ	1250-1512	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	414963-1
J4	1250-1512	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	414963-1
J5	1250-1512	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	414963-1
J6	1252-2816	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2816
J7	1250-1512	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	414963-1
L1	9100-2251	1	INDUCTOR RF-CH-MLD 220nH +-10%	28480	9100-2251
L2	9135-0070	1	INDUCTOR 24nH +-6.25% 2.6D-mmX6.6LG-mm	02072	10M024X-1
L3	9135-0075	1	INDUCTOR RF-CH-MLD 43nH +-6.047%	05524	10W1024A-1
L3 L4	9100-2256	1	INDUCTOR RF-CH-MLD 560nH +-10%		9100-2256
L5	9100-2247	1	INDUCTOR RF-CH-MLD 100nH +-10%		9100-2247
L6	9100-2255	1	INDUCTOR RF-CH-MLD 470nH +-10%		9100-2255
20	0100 2200		The octor of the state of the s		2200
L7	9100-2255	1	INDUCTOR RF-CH-MLD 470nH +-10%	28480	9100-2255
L9	9100-2891	1	INDUCTOR RF-CH-MLD 50nH +-10%	28480	9100-2891
L10	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
L11	9100-2256	1	INDUCTOR RF-CH-MLD 560nH +-10%	28480	9100-2256
L12	9100-2250	1	INDUCTOR RF-CH-MLD 180nH +-10%	28480	9100-2250
L13	9100-3552	ı	INDUCTOR RF-CH-MLD 1.5uH +-5%		9100-3552
Ľ14	9100-3560	1	INDUCTOR RF-CH-MLD 5.6uH +-5%		9100-3560
L16	9100-3562	1	INDUCTOR RF-CH-MLD 4.7uH +-5%		9100-3562
L18	9135-0068		INDUCTOR RF-CH-MLD 33nH +-6.36%	05524	
L20	9100-2250	1	INDUCTOR RF-CH-MLD 180nH +-10%	28480	9100-2250
L22	9100-2251	1	INDUCTOR RF-CH-MLD 220nH +-10%	28480	9100-2251
L24	9100-2255		INDUCTOR RF-CH-MLD 470nH +-10%		9100-2255
L25	9100-2247	1	INDUCTOR RF-CH-MLD 100nH +-10%		9100-2247
	9135-0077	1	INDUCTOR 36nH +-6.389% 2.6D-mmX6.6LG-mm		10M036X-1
MP2	2190-0124	1	WASHER-LK INTL T NO. 10 .195-IN-ID		500222

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
МР3	2950-0078	1	NUT-HEX-DBL-CHAM 10-32-THD .067-IN-THK	00904	
MP4	2200-0101	1	SCREW-MACH 4-40 .188-IN-LG PAN-HD-POZI	04771	
MP5	5002-0667	1	COVER-3RD CONV	28480	5002-0667
MP6	86701-40001	1	EXTRACTOR PC	28480	86701-40001
MP7	1200-0173	1	INSULATOR-XSTR DAP-GL	02608	7717-86 DAP
MP9	5001-5539	1	STRAP-GROUND	28480	5001-5539
MP10	5001-5539	1	STRAP-GROUND	28480	5001-5539
MP13	2200-0101	1	SCREW-MACH 4-40 .188-IN-LG PAN-HD-POZI	04771	
MP14	2190-0124	1	WASHER-LK INTL T NO. 10 .195-IN-ID	02788	500222
MP15	2950-0078	1	NUT-HEX-DBL-CHAM 10-32-THD .067-IN-THK	00904	
MP17	2190-0124	1	WASHER-LK INTL T NO. 10 .195-IN-ID	02788	500222
MP18	2950-0078	1	NUT-HEX-DBL-CHAM 10-32-THD .067-IN-THK	00904	
MP20	2190-0124	1	WASHER-LK INTL T NO. 10 .195-IN-ID	02788	500222
MP21	2950-0078	1	NUT-HEX-DBL-CHAM 10-32-THD .067-IN-THK	00904	
MP23	2190-0124	1	WASHER-LK INTL T NO. 10 .195-IN-ID	02788	500222
MP24	2950-0078	1	NUT-HEX-DBL-CHAM 10-32-THD .067-IN-THK	00904	
Q1	1853-0451	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	28480	1853-0451
$\mathbf{Q}2$	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	28480	1854-1032
Q4	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	28480	1854-1032
Q5	1853-0451	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	28480	1853-0451
Q6	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	28480	1854-1032
Q7	1853-0007	1	TRANSISTOR PNP 2N3251 SI TO-18 PD=360MW	28480	1853-0007
Q8	1854-1142	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=6GHZ	28480	1854-1142
Q9	1853-0451	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	28480	1853-0451
Q10	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	28480	1854-1032
Q11	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q12	1853-0451	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	28480	1853-0451
Q13	1854-0946	1	TRANSISTOR NPN SI PD=290MW	28480	1854-0946
R1	0698-7257	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	28480	0698-7257
R2	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R3	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R4	0699-2069	1	RESISTOR 13.3 +-1% .05W TF TC=0+-100	28480	0699-2069
R5	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445
R6	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445
R 7	0698-7219	1	RESISTOR 196 +-1% .05W TF TC=0+-100	28480	0698-7219

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Reference Designator	Number	Qty	Description	Code	Mfr Part Number
8					
R8	0698-7221	1	RESISTOR 237 +-1% .05W TF TC=0+-100	28480	0698-7221
R9	0699-1903	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0699-1903
R10	0699-2079	1	RESISTOR 82.5 +-1% .05W TF TC=0+-100	28480	0699-2079
R11	0698-7219	1	RESISTOR 196 +-1% .05W TF TC=0+-100	28480	0698-7219
R12	0698-7237	1	RESISTOR 1.1K +-1% .05W TF TC=0+-100	28480	0698-7237
R13	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R14	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R15	0698-7209	1	RESISTOR 75 +-1% .05W TF TC=0+-100	28480	0698-7209
R16	0698-7251	1	RESISTOR 4.22K +-1% .05W TF TC=0+-100	28480	0698-7251
R17	0698-7239	1	RESISTOR 1.33K +-1% .05W TF TC=0+-100	28480	0698-7239
R18	0698-7224	1	RESISTOR 316 +-1% .05W TF TC=0+-100	28480	0698-7224
R19	2100-3351	1	RESISTOR-TRMR 500 10% TKF SIDE-ADJ 1-TRN	28480	2100-3351
R20	0698-7235	1	RESISTOR 909 +-1% .05W TF TC=0+-100	28480	0698-7235
R21	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R22	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R23	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R24	0698-7224	1	RESISTOR 316 +-1% .05W TF TC=0+-100	28480	0698-7224
R25	0698-7197	1	RESISTOR 23.7 +-1% .05W TF TC=0+-100	28480	0698-7197
R26	0698-7255	1	RESISTOR 6.19K +-1% .05W TF TC=0+-100	28480	0698-7255
R27	0698-7254	1	RESISTOR 5.62K +-1% .05W TF TC=0+-100	28480	0698-7254
R28	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R29	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R30	0698-7192	1	RESISTOR 14.7 +-1% .05W TF TC=0+-100	28480	0698-7192
R32	0698-7217	1	RESISTOR 162 +-1% .05W TF TC=0+-100	28480	
R33	0757-0402	1	RESISTOR 110 +-1% .125W TF TC=0+-100	28480	0757-0402
R34	0757-0398		RESISTOR 75 +-1% .125W TF TC=0+-100		0757-0398
R35	0698-7210	1	RESISTOR 82.5 +-1% .05W TF TC=0+-100	28480	0698-7210
R36	0698-3430	1	RESISTOR 21.5 +-1% .125W TF TC=0+-100		0698-3430
R37	0698-3430	1	RESISTOR 21.5 +-1% .125W TF TC=0+-100		0698-3430
R38	0698-0082	1	RESISTOR 464 +-1% .125W TF TC=0+-100	28480	0698-0082
			DD070000		
R39	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R40	0698-3136	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	28480	0698-3136
R41	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R42	0698-3442		RESISTOR 237 +-1% .125W TF TC=0+-100	28480	0698-3442
R43	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number	
Designator	14dinber			Code	rumber	
R44	0699-1903	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0699-1903	
R45	0699-1903	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0699-1903	
R46	0698-8822	1	RESISTOR 6.81 +-1% .125W TF TC=0+-100	28480	0698-8822	
R47	0698-8822	1	RESISTOR 6.81 +-1% .125W TF TC=0+-100	28480	0698-8822	
R48	0698-7261	1	RESISTOR 11K +-1% .05W TF TC=0+-100	28480	0698-7261	
R49	0698-7251	1	RESISTOR 4.22K +-1% .05W TF TC=0+-100	28480	0698-7251	
R50	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243	
R51	0698-7224	1	RESISTOR 316 +-1% .05W TF TC=0+-100	28480	0698-7224	
R52	0757-0405	1	RESISTOR 162 +-1% .125W TF TC=0+-100	28480	0757-0405	
R53	0757-0405	1	RESISTOR 162 +-1% .125W TF TC=0+-100	28480	0757-0405	
R54	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205	
R55	0757-0419	1	RESISTOR 681 +-1% .25W TF TC=0+-100	28480	0757-0419	
R56	0698-0082	1	RESISTOR 464 +-1% .125W TF TC=0+-100	28480	0698-0082	
R57	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416	
R58	0698-7209	1	RESISTOR 75 +-1% .05W TF TC=0+-100	28480	0698-7209	
R59	0698-0084	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	28480	0698-0084	
R60	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236	
R62	0698-0084	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	28480	0698-0084	
R63	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260	
R64	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253	
R65	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253	
R66	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280	
R67	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284	
R68	2100-3355	1	RESISTOR-TRMR 100K 10% TKF SIDE-ADJ	28480	2100-3355	
R69	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260	
R70	0698-7215	1	RESISTOR 133 +-1% .05W TF TC=0+-100	28480	0698-7215	
R71	0699-1948	1	RESISTOR 46.4 +-1% .05W TF TC=0+-100	28480	0699-1948	
R72	0699-2032	1	RESISTOR 147 +-1% .05W TF TC=0+-100	28480	0699-2032	
T1	08558-80003	1	COIL B.P. FILTER	28480	08558-80003	
U1	1821-0961	1	IC PRESCR ECL DIV-X-2	28480	1821-0961	
U2	1826-0372	1	IC MISC 8 PIN DIP-P	28480	1826-0372	
U3	1813-0211	1	IC WIDEBAND AMPL TO-39	28480	1813-0211	
U4	0955-0113	1	U-WAVE MIXER 1 GHZ MAX	02739	TFM-2-38	
U5	0410-2119	1	RESONATOR-SURF ACST W FREQUENCY:599.95	28480	0410-2119	
VR1	1902-0025	1	DIODE-ZNR 10V 5% DO-35 PD=.4W TC=+.06%	28480	1902-0025	

Reference Designator	1		=		Mfr Part Number
VR2	1902-0947	1	DIODE-ZNR 3.6V 5% DO-35 PD=.4W TC=036%	02037	SZ30035-5
W1	8159-0005	1	RESISTOR 0 CWM	28480	8159-0005



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Component-Level Information Packet for 5063-0635

Tracking Generator Control



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HP Part Number 5063-0635 Tracking Generator Control

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C1	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C2	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
СЗ	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C4	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C5	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C6	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C7	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C8	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C9	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C10	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C11	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C12	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C13	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C14	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C15	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C16	0160-4574	1	${\tt CAP-FXD~1000pF~+-10\%~100~V~CER~X7R}$	28480	0160-4574
C17	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C18	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C19	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C20	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C21	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C22	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C23	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C24	0180-3849	1	CAP-FXD 47uF +-10% 10 V TA	28480	0180-3849
C25	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C26	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C27	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C28	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C29	0160-4819	1	CAP-FXD 2200pF +-5% 100 V CER COG	28480	0160-4819
C30	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	28480	0180-3848
C31	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C32	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C33	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C34	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C35	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422

HP Part Number 5063-0635 Tracking Generator Control (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C36	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C37	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C40	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C41	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C42	0180-3850	1	CAP-FXD 68uF +-10% 10 V TA	28480	0180-3850
C43	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C44	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
CR1	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR2	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR3	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR4	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR5	1901-1098	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	28480	1901-1098
J1	1252-2009	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2009
J2	1252-2260	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2260
Ј3	1252-0501	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-0501
L1	9140-0210	1	INDUCTOR RF-CH-MLD 100uH +-5%	28480	9140-0210
L2	9140-0210	1	INDUCTOR RF-CH-MLD 100uH +-5%	28480	9140-0210
L3	9140-0210	1	INDUCTOR RF-CH-MLD 100uH +-5%	28480	9140-0210
Ľ4	9100-1629	1	INDUCTOR RF-CH-MLD 47uH +-5%	28480	9100-1629
L5	9140-0738	1	INDUCTOR 100uH .6W-INX.7LG-IN	28480	9140-0738
L6	9140-0238	1	INDUCTOR RF-CH-MLD 82uH +-5%	28480	9140-0238
MP3	0403-0621	1	EXTR-PC BD BLK NYL .062-IN-BD-THKNS	02123	91-2-BLACK-5
MP5	1200-0173	1	INSULATOR-XSTR DAP-GL	02608	7717-86 DAP
MP6	0403-0630	1	EXTR-PC BD BRN NYL .062-IN-BD-THKNS	02123	91-2-BROWN-9
P1	1251-8912	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8912
Q1	1853-0213	1	TRANSISTOR PNP 2N4236 SI TO-39 PD=1W	28480	1853-0213
\mathbf{Q}_{2}	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW		1854-0215
Q3	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0555
Q4	1855-0518	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0518
R1	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
$\mathbf{R}2$	0698-6343	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	28480	0698-6343
R3	0757-0424	1	RESISTOR 1.1K +-1% .125W TF TC=0+-100	28480	0757-0424
R4	0698-6321	1	RESISTOR 9.9K +-0.1% .125W TF TC=0+-25	28480	0698-6321
R5	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R6	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
			- <u> </u>		<u> </u>

HP Part Number 5063-0635 Tracking Generator Control (continued)

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	4-3		Code	1
7			DESCRIPTION AND ADDRESS OF THE PROPERTY OF THE		
R7	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	
R8	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R9	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	
R10	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	
R11	0698-6317	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	28480	0698-6317
R12	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R13	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25		0698-6360
R14	0698-8859	1	RESISTOR 12K +-0.1% .125W TF TC=0+-25	28480	
R15	0698-6358	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	28480	
R16	0698-6358	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	28480	0698-6358
1110	0098-0008	•	1tE515101t 1001t 7-0.1% .125W 11 10-07-25	20400	0090-0558
R17	0698-3151	1	RESISTOR 2.87K +-1% .125W TF TC=0+-100	28480	0698-3151
R18	0757-0401	1	RESISTOR 100 +-1% .125W TF TC=0+-100	l	0757-0401
R19	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	l	0698-6360
R20	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	
R21	0698-3432	1	RESISTOR 26.1 +-1% .125W TF TC=0+-100	28480	
R22	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R23	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R24	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R25	2100-3274	1	RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN	28480	2100-3274
R26	0757-0317	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	28480	0757-0317
R27	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R28	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R29	2100-3273	1	RESISTOR-TRMR 2K 10% TKF SIDE-ADJ 1-TRN	28480	2100-3273
R30	0757-0441	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	28480	0757-0441
R32	0757-0401	1	RESISTOR 100 +-1% .125W TF TC=0+-100	28480	0757-0401
R33	0698-3157	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	28480	0698-3157
R34	0698-3157	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	28480	0698-3157
R35	0757-0421	1	RESISTOR 825 +-1% .125W TF TC=0+-100	28480	0757-0421
R36	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R37	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R39	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R40	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R41	0698-6358	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	28480	0698-6358
R42	0698-6358	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	28480	0698-6358
R43	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320

HP Part Number 5063-0635 Tracking Generator Control (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R44	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R45	0698-7224	1	RESISTOR 316 +-1% .05W TF TC=0+-100	28480	0698-7224
TP1	0360-0077	1	TERMINAL-STUD SGL-TUR SWGFRM-MTG	01461	1601-HP
TP2	0360-0077	1	TERMINAL-STUD SGL-TUR SWGFRM-MTG	01461	1601-HP
ТРЗ	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
TP4	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
TP5	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
TP6	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
U1	1826-1514	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	28480	1826-1514
U2	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-C	28480	1826-1436
UЗ	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-C	28480	1826-1436
U4	1826-0141	1	IC COMPARATOR GP DUAL 14 PIN DIP-C	28480	1826-0141
U5	1826-2026	1	ANALOG SWITCH SPST 8 -DIP-P	28480	1826-2026
U6	1820-3173	1	IC FF CMOS/HC J-K NEG-EDGE-TRIG	28480	1820-3173
U7	1820-3079	1	IC DCDR-DEMUXR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U8	1826-2128	1	ANALOG SWITCH 8 CHNL 16 -DIP-P	28480	1826-2128
U9	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-C	28480	1826-1436
U10	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-C	28480	1826-1436
U11	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U12	08590-80105	1	PAL-PRGM U1	28480	08590-80105
U13	1820-3790	1	IC LCH CMOS/HC D-TYPE OCTL	28480	1820-3790
U14	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U15	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U16	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U17	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U18	1826-0141	1	IC COMPARATOR GP DUAL 14 PIN DIP-C	28480	1826-0141
U19	1820-3173	1	IC FF CMOS/HC J-K NEG-EDGE-TRIG	28480	1820-3173
U20	1820-3146	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3146
U21	1858-0047	1	TRANSISTOR ARRAY 16-PIN PLSTC DIP	28480	1858-0047
U22	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
VR1	1902-0551	1	DIODE-ZNR 6.2V 5% PD=1W IR=10UA	28480	1902-0551

*Indicates factory-selected value

35) 11 X17 5063-0635-2 36) 11 X17 5063-0635-1

Component-Level Information Packet for 5062-8232

L.O.D.A. Control



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HP Part Number 5062-8232 L.O.D.A. Control

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Designator	rumber			Couc	rumber
C1	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C2	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C3	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C7	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C21	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C22	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C23	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C24	0180-3849	1	CAP-FXD 47uF +-10% 10 V TA	28480	0180-3849
C25	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C26	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
	04.00 4.00		CAR DVD COUR D : 00M TO V CDD VPD	00.400	07.00 5.00
C27	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R		0160-5422
C28	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R		0160-5422
C29	0160-4819	1	CAP-FXD 2200pF +-5% 100 V CER COG		0160-4819
C30	0180-3775	1	CAP-FXD 68uF +-10% 10 V TA		0180-3775
C32	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C33	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C34	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C35	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C36	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
CR4	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
J2	1252-2260	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2260
L2	9140-0210	1	INDUCTOR RF-CH-MLD 100uH +-5%	28480	9140-0210
L3	9140-0210	1	INDUCTOR RF-CH-MLD 100uH +-5%	28480	9140-0210
L4	9100-1629	1	INDUCTOR RF-CH-MLD 47uH +-5%		9100-1629
L5	9140-0738	1	INDUCTOR 100uH .6W-INX.7LG-IN		9140-0738
MDe	0400 0300		EVED DO DO MUM NOVI - 000 IN DO MUVANO	00100	OI 9 WILITON O
MP3	0403-0626		EXTR-PC BD WHT NYL .062-IN-BD-THKNS EXTR-PC BD BLK NYL .062-IN-BD-THKNS		91-2-WHITE-0 91-2-BLACK-5
MP5	0403-0621	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END		1251-8912
P1	1251-8912	1 1	TRANSISTOR MOSFET N-CHAN E-MODE SI		1855-0555
Q3	1855-0555		RESISTOR 10K +-1% .125W TF TC=0+-100		0757-0442
R1	0757-0442	1	RESISTOR TOR 7-1% .125W 1F 1C=07-100	20400	0101-0442
R19	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R20	0698-6630	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0698-6630
R22	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R23	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R24	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416

HP Part Number 5062-8232 L.O.D.A. Control (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R25	2100-3274	1	RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN	28480	2100-3274
R26	0757-0317	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	28480	0757-0317
R27	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R28	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R29	2100-3273	1	RESISTOR-TRMR 2K 10% TKF SIDE-ADJ 1-TRN	28480	2100-3273
R30	0757-0441	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	28480	0757-0441
R33	0698-3157	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	28480	0698-3157
R34	0698-3157	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	28480	0698-3157
R35	0757-0421	1	RESISTOR 825 +-1% .125W TF TC=0+-100	28480	0757-0421
R36	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R37	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R38	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
TP1	0360-0077	1	TERMINAL-STUD SGL-TUR SWGFRM-MTG	01461	1601-HP
TP2	0360-0077	1	TERMINAL-STUD SGL-TUR SWGFRM-MTG	01461	1601-HP
TP3	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
TP4	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
TP5	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
TP6	0360-1682	1	TERMINAL-STUD SGL-TUR PRESS-MTG	05364	14758-8
U1	1826-1514	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	28480	1826-1514
U2	1826-1436	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1436
U7	1820-3079	1	IC DCDR-DEMUXR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U11	1826-1048	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1048
U12	08590-80105	1	PAL-PRGM U1	28480	08590-80105
U13	1820-3790	1	IC LCH CMOS/HC D-TYPE OCTL	28480	1820-3790
U14	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U18	1826-0141	1	IC COMPARATOR GP DUAL 14 PIN DIP-C	28480	1826-0141
U19	1820-3173	_	IC FF CMOS/HC J-K NEG-EDGE-TRIG	28480	
VR1	1902-0551	1	DIODE-ZNR 6.2V 5% PD=1W IR=10UA		1902-0551

5062-8232-2 11X17 5062-8232-1

Component-Level Information Packet for 08590-60407

Bandwidth Filter



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HP Part Number 08590-60407 **Bandwidth Filter**

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C1	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C2	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
С3	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C4	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C5	0160-3875	1	CAP-FXD $22pF$ +-5% 200 V CER C0G	28480	0160-3875
C6	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C7	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C8	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C9	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C12		1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C12	0160-3879	1	CAF-FAD 0.01ur +-20% 100 V CER A/R	20400	0100-3879
C13	0160-3872	1	CAP-FXD 2.2pF +-11.36% 200 V CER COG	28480	0160-3872
C14	0160-6435	1	CAP-FXD 13pF +-5% 100 V CER	28480	0160-6435
C15	0121-0059	1	CAP-VAR 8pF 2pF 350 V CER	28480	0121-0059
C16	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C17	0121-0059	1	CAP-VAR 8pF 2pF 350 V CER	28480	0121-0059
C18	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C19	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C20	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C20	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C21	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
022	0100 00.0	•	0.11 1115 0.0144 20% 100 v 02.010.10	20100	0200 0010
C23	0121-0036	1	CAP-VAR 18pF 5.5pF 350 V CER	28480	0121-0036
C24	0160-4491	1	CAP-FXD 8.2pF +-6.1% 200 V CER COG	28480	0160-4491
C25	0121-0059	1	CAP-VAR 8pF 2pF 350 V CER	28480	0121-0059
C26	0160-5900	1	CAP-FXD 9.1pF +-5.49% 200 V CER COG	28480	0160-5900
C27	0160-8117	1	CAP-FXD 63pF +-5% 100 V CER	28480	0160-8117
000	01.00 00=	_	CAD DVD 0 of D 000 100 V CDD V-D	00.400	01.00 0000
C28	0160-3879		CAP-FXD 0.01 uF +-20% 100 V CER X7R		0160-3879
C29	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R		0160-3879
C31	0160-3879	1	CAP-FXD 0.01 uF +-20% 100 V CER X7R	28480	
C32	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	
C33	0160-4616	1	CAP-FXD 560pF +-5% 200 V CER COG	28480	0160-4616
C34	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C35	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C36	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C37	0160-0576	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-0576
C38	0121-0059	1	CAP-VAR 8pF 2pF 350 V CER	28480	0121-0059

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Designator	11 uniber				
C39	0160-5405	1	CAP-FXD 130pF +-5% 100 V CER C0G	28480	0160-5405
C40	0160-5405	1	CAP-FXD 130pF +-5% 100 V CER C0G	28480	0160-5405
C41	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C42	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C43	0160-3872	1	CAP-FXD 2.2pF +-11.36% 200 V CER C0G	28480	0160-3872
		_	CAR END to E 4 M too M CER	00.400	0160 6435
C44	0160-6435	1	CAP-FXD 13pF +-5% 100 V CER		0160-6435
C45	0121-0036	1	CAP-VAR 18pF 5.5pF 350 V CER	28480	
C46	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R		0160-3879
C47	0121-0059	1	CAP-VAR 8pF 2pF 350 V CER	28480	
C48	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C49	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C50	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C51	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C52	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C53	0160-5900	1	CAP-FXD 9.1pF +-5.49% 200 V CER COG	28480	0160-5900
			<u>-</u> '		
C54	0121-0059	1	CAP-VAR 8pF 2pF 350 V CER	28480	0121-0059
C55	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C56	0160-4491	1	CAP-FXD 8.2pF +-6.1% 200 V CER COG	28480	0160-4491
C57	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C58	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
					ļ
C59	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C60	0160-4382	1	CAP-FXD 3.3pF +-7.58% 200 V CER C0G	28480	0160-4382
C61	0160-4031	1	CAP-FXD 330pF +-5% 100 V CER COG	28480	0160-4031
C62	0160-3873	1	CAP-FXD 4.7pF +-10.64% 200 V CER COG	28480	0160-3873
C63	0160-4493	1	CAP-FXD 27pF +-5% 200 V CER COG	28480	0160-4493
C64	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C65	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C66	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C67	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C68	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
					1
C69	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C70	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C71	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C72	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C73	0160-4371	1	CAP-FXD 680pF +-5% 100 V CER C0G	28480	0160-4371
	1				

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C74	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C75	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C76	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C77	0160-0576	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-0576
C78	0160-8117	1	CAP-FXD 63pF +-5% 100 V CER	28480	0160-8117
C79	0160-5405	1	CAP-FXD 130pF +-5% 100 V CER C0G	28480	0160-5405
C80	0160-5405	1	CAP-FXD 130pF +-5% 100 V CER C0G	28480	0160-5405
C81	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C82	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C83	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C84	0160-4382	1	CAP-FXD 3.3pF +-7.58% 200 V CER COG	28480	0160-4382
C85	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C86	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C87	0160-4517	1	CAP-FXD 1.2pF +-20.8% 200 V CER C0G	28480	0160-4517
C88	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
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C89	0160-4493	1	CAP-FXD 27pF +-5% 200 V CER COG	28480	0160-4493
C90	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C91	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C92	0160-4493	1	CAP-FXD 27pF +-5% 200 V CER C0G	28480	0160-4493
C93	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C94	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C95	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C96	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C97	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C98	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C100	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C101	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C102	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C103	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C104	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C105	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C106	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C107	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	
C108	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	
C109	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C110	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C111	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C112	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C113	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C114	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
CR1	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR2	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117
CR3	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
CR4	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
CR5	1901-0539	1	DIODE-SCHOTTKY SM SIG	28480	1901-0539
CR6	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
CR7	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR8	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR9	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR10	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117
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CR11	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
CR12	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
CR13	1901-0539	1	DIODE-SCHOTTKY SM SIG	28480	1901-0539
CR14	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
CR15	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR16	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR18	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117
CR19	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117
L1	9140-0144	1	INDUCTOR RF-CH-MLD 4.7uH +-10%	28480	9140-0144
L2	9100-1629	1	INDUCTOR RF-CH-MLD 47uH +-5%	28480	9100-1629
L3	9100-0539	1	INDUCTOR RF-CH-MLD 10uH +-5%	28480	9100-0539
L4	9100-3552	1	INDUCTOR RF-CH-MLD 1.5uH +-5%	28480	9100-3552
L5	9100-3562	1	INDUCTOR RF-CH-MLD 4.7uH +-5%	28480	9100-3562
L6	9100-1625	1	INDUCTOR RF-CH-MLD 33uH +-5%	28480	9100-1625
L7	9100-0539	1	INDUCTOR RF-CH-MLD 10uH +-5%	28480	9100-0539
L8	08590-80205	1	INDUCTOR 324NH	28480	08590-80205
L9	9100-0539	1	INDUCTOR RF-CH-MLD 10uH +-5%	28480	9100-0539
L10	9100-3313	1	INDUCTOR RF-CH-MLD 22uH +-5%	28480	9100-3313
L11	9140-0399	1	INDUCTOR RF-CH-MLD 2.2uH +-5%	28480	9140-0399
L12	9140-0144	1	INDUCTOR RF-CH-MLD 4.7uH +-10%	28480	9140-0144

Designator	Number				Mfr Part
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L13	9100-3562	1	INDUCTOR RF-CH-MLD 4.7uH +-5%	28480	9100-3562
L14	9100-3552	1	INDUCTOR RF-CH-MLD 1.5uH +-5%	28480	9100-3552
L15	9140-0144	1	INDUCTOR RF-CH-MLD 4.7uH +-10%	28480	9140-0144
L16	9100-1625	1	INDUCTOR RF-CH-MLD 33uH +-5%	28480	9100-1625
L17	9100-0539	1	INDUCTOR RF-CH-MLD 10uH +-5%	28480	9100-0539
L18	08590-80205	1	INDUCTOR 324NH	28480	08590-80205
L19	9100-0539	1	INDUCTOR RF-CH-MLD 10uH +-5%	28480	9100-0539
L20	9100-3313	1	INDUCTOR RF-CH-MLD 22uH +-5%	28480	9100-3313
L21	9140-0537	1	INDUCTOR RF-CH-MLD 2.2uH +-5%	28480	9140-0537
L22	9140-0144	1	INDUCTOR RF-CH-MLD 4.7uH +-10%	28480	9140-0144
T 00	0140 0144	,	INDUCTOR DE CU MI D 4 7-U + 100	20400	9140-0144
L23	9140-0144	1	INDUCTOR RF-CH-MLD 4.7uH +-10% INDUCTOR RF-CH-MLD 4.7uH +-10%	l	9140-0144
L24	9140-0144	1	,		
L25	9140-0144	1	INDUCTOR RF-CH-MLD 4.7uH +-10%	28480	
L26	9140-0144	1	INDUCTOR RF-CH-MLD 4.7uH +-10%	28480	
L27	9100-1625	1	INDUCTOR RF-CH-MLD 33uH +-5%	28480	9100-1625
L28	9140-0144	1	INDUCTOR RF-CH-MLD 4.7uH +-10%	28480	9140-0144
L29	9140-0144	1	INDUCTOR RF-CH-MLD 4.7uH +-10%	28480	9140-0144
L30	9100-1625	1	INDUCTOR RF-CH-MLD 33uH +-5%	28480	9100-1625
Q1	1854-0345	1	TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	28480	1854-0345
\mathbf{Q}_2	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q3	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q4	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q5	1855-0449	1	TRANSISTOR J-FET 2N5434 N-CHAN D-MODE	02237	
Q6	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q7	1855-0255	1	TRANSISTOR J-FET 2N5486 N-CHAN D-MODE	28480	1855-0255
00	1054 0015	1	TRANSISTOR NPN SI TO-92 PD=625MW	02227	2N3904
Q8	1854-0215	1			1853-0007
Q9	1853-0007	1	TRANSISTOR PNP 2N3251 SI TO-18 PD=360MW		1853-0007
Q10	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW		1000-0000
Q11	1855-0449	1	TRANSISTOR J-FET 2N5434 N-CHAN D-MODE	02237	1052 0000
Q12	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q13	1855-0255	1	TRANSISTOR J-FET 2N5486 N-CHAN D-MODE	28480	1855-0255
Q14	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q15	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q16	1853-0281	1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02237	2N2907A
R1	0698-7257	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	28480	0698-7257

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	~.uy	Description	Code	Number
R2	0698-7259	1	RESISTOR 9.09K +-1% .05W TF TC=0+-100	28480	0698-7259
R3	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R4	0698-7261	1	RESISTOR 11K +-1% .05W TF TC=0+-100	28480	0698-7261
R5	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R6	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	28480	0698-7244
R7	0757-0397	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	28480	0757-0397
R8	0698-3429	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	28480	0698-3429
R9	0757-0180	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	28480	0757-0180
R10	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R11	0757-0405	1	RESISTOR 162 +-1% .125W TF TC=0+-100	28480	0757-0405
R12	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445
R13	0698-7257	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	28480	0698-7257
R14	0698-7200	1	RESISTOR 31.6 +-1% .05W TF TC=0+-100	28480	0698-7200
R15	0698-7245	1	RESISTOR 2.37K +-1% .05W TF TC=0+-100	28480	0698-7245
R16	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
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R17	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R18	0698-7216	1	RESISTOR 147 +-1% .05W TF TC=0+-100	28480	0698-7216
R19	0698-7237	1	RESISTOR 1.1K +-1% .05W TF TC=0+-100	28480	0698-7237
R20	0698-7267	1	RESISTOR 19.6K +-1% .05W TF TC=0+-100	28480	0698-7267
R21	0698-7246	1	RESISTOR 2.61K +-1% .05W TF TC=0+-100	28480	0698-7246
R22	0698-7246	1	RESISTOR 2.61K +-1% .05W TF TC=0+-100	28480	0698-7246
R23	0698-7242	1	RESISTOR 1.78K +-1% .05W TF TC=0+-100	28480	0698-7242
R24	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R25	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R26	2100-3154	1	RESISTOR-TRMR 1K 10% TKF SIDE-ADJ 17-TRN	28480	2100-3154
R27	0698-3157	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	28480	0698-3157
R28	0698-7259	1	RESISTOR 9.09K +-1% .05W TF TC=0+-100	28480	0698-7259
R29	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R30	0757-0402	1	RESISTOR 110 +-1% .125W TF TC=0+-100	28480	0757-0402
R31	2100-3052	1	RESISTOR-TRMR 50 10% TKF SIDE-ADJ 17-TRN	28480	2100-3052
R32	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R33	0698-7231	1	RESISTOR 619 +-1% .05W TF TC=0+-100	28480	0698-7231
R34	0698-7261	1	RESISTOR 11K +-1% .05W TF TC=0+-100	28480	0698-7261
R35	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	28480	0698-7244
R36	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
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Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	2,03	Description	Code	Number
	<u>.</u>				
R37	0757-0428	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	28480	0757-0428
R38	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R39	0698-7231	1	RESISTOR 619 +-1% .05W TF TC=0+-100	28480	0698-7231
R40	0698-3427	1	RESISTOR 13.3 +-1% .125W TF TC=0+-100	28480	0698-3427
R41	0757-0398	1	RESISTOR 75 +-1% .125W TF TC=0+-100	28480	0757-0398
R42	0698-3442	1	RESISTOR 237 +-1% .125W TF TC=0+-100	28480	0698-3442
R43	0698-3442	1	RESISTOR 237 +-1% .125W TF TC=0+-100	28480	0698-3442
R44	0757-0180	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	28480	0757-0180
R45	0698-7245	1	RESISTOR 2.37K +-1% .05W TF TC=0+-100	28480	0698-7245
R46	0698-7257	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	28480	0698-7257
R47	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R48	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R49	0698-7217	1	RESISTOR 162 +-1% .05W TF TC=0+-100	28480	0698-7217
R50	0698-7237	1	RESISTOR 1.1K +-1% .05W TF TC=0+-100	28480	0698-7237
R51	0698-7267	1	RESISTOR 19.6K +-1% .05W TF TC=0+-100	28480	0698-7267
R52	0698-7246	1	RESISTOR 2.61K +-1% .05W TF TC=0+-100	28480	0698-7246
R53	0698-7246	1	RESISTOR 2.61K +-1% .05W TF TC=0+-100	28480	0698-7246
R54	0698-8821	1	RESISTOR 5.62 +-1% .125W TF TC=0+-100	28480	0698-8821
R56	0698-7242	1	RESISTOR 1.78K +-1% .05W TF TC=0+-100	28480	0698-7242
R57	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R58	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R59	0757-0278	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	28480	
R60	0698-3157	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	28480	0698-3157
R61	0698-7259	1	RESISTOR 9.09K +-1% .05W TF TC=0+-100	28480	
R62	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R63	0698-3444		RESISTOR 316 +-1% .125W TF TC=0+-100		0698-3444
R64	0698-3444		RESISTOR 316 +-1% .125W TF TC=0+-100	į	0698-3444
R65	0757-0401	1	RESISTOR 100 +-1% .125W TF TC=0+-100		0757-0401
R66	0757-0428	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	28480	
R67	0698-7261	1	RESISTOR 11K +-1% .05W TF TC=0+-100	28480	0698-7261
R68	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	i	0698-7244
R69	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100		0698-7205
R70	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	
R71	0698-3435	1	RESISTOR 38.3 +-1% .125W TF TC=0+-100	28480	
R72	0757-0398	1	RESISTOR 75 +-1% .125W TF TC=0+-100	28480	0757-0398

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R73	0698-7251	1	RESISTOR 4.22K +-1% .05W TF TC=0+-100	28480	0698-7251
R74	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R77	0698-7256	1	RESISTOR 6.81K +-1% .05W TF TC=0+-100	28480	0698-7256
R78	0698-7256	1	RESISTOR 6.81K +-1% .05W TF TC=0+-100	28480	0698-7256
R79	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R80	0698-7219	1	RESISTOR 196 +-1% .05W TF TC=0+-100	28480	0698-7219
R83	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R84	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R85	0698-7267	1	RESISTOR 19.6K +-1% .05W TF TC=0+-100	28480	0698-7267
R86	0698-7246	1	RESISTOR 2.61K +-1% .05W TF TC=0+-100	28480	0698-7246
R87	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R88	0698-3442	1	RESISTOR 237 +-1% .125W TF TC=0+-100	28480	0698-3442
R89	0698-7242	1	RESISTOR 1.78K +-1% .05W TF TC=0+-100	28480	0698-7242
R90	0698-7257	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	28480	0698-7257
R91	0698-7264	1	RESISTOR 14.7K +-1% .05W TF TC=0+-100	28480	0698-7264
R92	0698-7226	1	RESISTOR 383 +-1% .05W TF TC=0+-100	28480	0698-7226
R93	0698-7223	1	RESISTOR 287 +-1% .05W TF TC=0+-100	28480	0698-7223
RT1	0837-0384	1	THERMISTOR DISC 330-OHM TC=-3.7%/C-DEG	10374	NTH5D331JA
RT2	0837-0384	1	THERMISTOR DISC 330-OHM TC=-3.7%/C-DEG	10374	NTH5D331JA
TP1	1252-3104	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-3104
TP4	1252-3104	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-3104
TP10	1252-3104	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-3104
TP12	1252-3104	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-3104
U1	1826-1461	1	IC OP AMP LOW-BIAS-H-IMPD 8 PIN DIP-P	28480	1826-1461
VR1	1902-0954	1	DIODE-ZNR 6.8V 5% DO-35 PD=.4W TC=+.057%	02037	SZ30035-1
Y1	0410-2118	1	PRECISION FILTER SET PRECISION FILTER	28480	0410-2118
Y2	0410-2118	1	PRECISION FILTER SET PRECISION FILTER	28480	0410-2118

39) 11×17 08590-60407-2 (40) 11×17 08590-60467-1

Component-Level Information Packet for 08590-60105

Amplitude Control



HP Part No. 08590-90121
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HP Part Number 08590-60105 Amplitude Control

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	4.5	2 assembles	Code	Number
C1	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C2	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C3	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C4	0160-4789	1	CAP-FXD 15pF +-5% 100 V CER C0G	28480	0160-4789
C5	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
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C6	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C7	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C8	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	
C9	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C10	0160-4789	1	CAP-FXD 15pF +-5% 100 V CER C0G	28480	0160-4789
C11	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C12	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C13	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C14	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C15	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C16	0160-4789	1	CAP-FXD 15pF +-5% 100 V CER COG	28480	0160-4789
C17	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C18	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C19	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C20	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C21	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C22	0160-4789	1	CAP-FXD 15pF +-5% 100 V CER C0G	28480	0160-4789
C23	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C24	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C25	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
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C26	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C27	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C28	0160-4789	1	CAP-FXD 15pF +-5% 100 V CER C0G	28480	0160-4789
C29	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C30	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C31	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C32	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C34	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C35	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C36	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554

Deference	erence HP Part Qty Description Mfr Mfr						
Reference Designator	Number	Qty	Description	Code	Mfr Part Number		
C37	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C38	0160-4789	1	CAP-FXD 15pF +-5% 100 V CER C0G	28480	0160-4789		
C39	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C40	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C41	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C42	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C43	0160-4789	1	CAP-FXD 15pF +-5% 100 V CER C0G	28480	0160-4789		
C44	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C45	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C46	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C47	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C48	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C49	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C50	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C51	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C52	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
CR1	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117		
CR2	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117		
CR3	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050		
CR4	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050		
CR5	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117		
CR6	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117		
CR7	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050		
CR8	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050		
CR9	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117		
CR10	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117		
CR11	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050		
CR12	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050		
CR13	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117		
CR14	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117		
CR15	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050		
CR16	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050		
CR17	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117		
CR18	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117		
CR19	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050		

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
CR20	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR21	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117
CR22	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR23	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR24	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117
CR25	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR26	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR27	1901-1117	1	DIODE-SWITCHING 30V	28480	1901-1117
CR28	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR29	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR30	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR31	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR32	1901-0539	1	DIODE-SCHOTTKY SM SIG	28480	1901-0539
CR33	1901-0539	1	DIODE-SCHOTTKY SM SIG	28480	1901-0539
CR34	1901-0539	1	DIODE-SCHOTTKY SM SIG	28480	1901-0539
J1	1252-2816	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2816
J2	1252-2816	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2816
L1	9100-3313	1	INDUCTOR RF-CH-MLD 22uH +-5%	28480	9100-3313
L2	9100-3313	1	INDUCTOR RF-CH-MLD 22uH +-5%	28480	9100-3313
L3	9100-3313	1	INDUCTOR RF-CH-MLD 22uH +-5%	28480	9100-3313
R1	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R2	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R3	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R4	0698-0082	1	RESISTOR 464 +-1% .125W TF TC=0+-100	28480	0698-0082
R5	0698-3132	1	RESISTOR 261 +-1% .125W TF TC=0+-100	28480	0698-3132
R6	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	!	0757-0394
R7	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	
R8	0698-3132	1	RESISTOR 261 +-1% .125W TF TC=0+-100	28480	0698-3132
R9	0698-6774	1	RESISTOR 150 +-0.1% .125W TF TC=0+-25	28480	
R10	0698-6323	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	28480	0698-6323
R11	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R12	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445
R13	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R14	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R15	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
D16	0757 0440		RESISTOR 10K +-1% .125W TF TC=0+-100	20490	0757-0442
R16	0757-0442	1		28480	
R17	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100 RESISTOR 464 +-1% .125W TF TC=0+-100	28480	0757-0442
R18	0698-0082	1		28480	0698-0082
R19	0698-3132	1	RESISTOR 261 +-1% .125W TF TC=0+-100	28480	0698-3132
R20	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394
R21	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R22	0698-3132	1	RESISTOR 261 +-1% .125W TF TC=0+-100	28480	0698-3132
R23	0699-0689	1	RESISTOR 88.5 +-0.1% .125W TF TC=0+-25	28480	0699-0689
R24	0698-6774	1	RESISTOR 150 +-0.1% .125W TF TC=0+-25	28480	0698-6774
R25	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
Doc	0000 2445		RESISTOR 348 +-1% .125W TF TC=0+-100	20400	0606 3445
R26	0698-3445	1		28480	0698-3445 0698-7277
R27	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480 28480	0698-7277
R28	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100		
R29	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R30	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R31	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R32	0698-0082	1	RESISTOR 464 +-1% .125W TF TC=0+-100	28480	0698-0082
R33	0698-3132	1	RESISTOR 261 +-1% .125W TF TC=0+-100	28480	0698-3132
R34	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394
R35	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
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R36	0698-3132	1	RESISTOR 261 +-1% .125W TF TC=0+-100	28480	0698-3132
R37	0698-7644	1	RESISTOR 215 +-0.1% .125W TF TC=0+-25	28480	0698-7644
R38	0698-6354	1	RESISTOR 40 +-0.1% .125W TF TC=0+-25	28480	0698-6354
R39	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R40	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445
R41	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R42	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R43	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R44	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R45	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
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R46	0698-0082	1	RESISTOR 464 +-1% .125W TF TC=0+-100	28480	0698-0082
R47	0698-3132	1	RESISTOR 261 +-1% .125W TF TC=0+-100	28480	0698-3132
R48	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394
R49	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R50	0698-3132	1	RESISTOR 261 +-1% .125W TF TC=0+-100	28480	0698-3132

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	~ .y	Description	Code	Number
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R51	0698-6364	1	RESISTOR 50 +-0.1% .125W TF TC=0+-25	28480	0698-6364
R52	0699-1637	1	RESISTOR 203.2 +-0.1% .125W TF TC=0+-25	28480	0699-1637
R53	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R54	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445
R55	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R56	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R57	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R58	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R59	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R60	0698-0082	1	RESISTOR 464 +-1% .125W TF TC=0+-100	28480	0698-0082
R61	0698-3132	1	RESISTOR 261 +-1% .125W TF TC=0+-100	28480	0698-3132
R62	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394
R63	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R64	0698-3132	1	RESISTOR 261 +-1% .125W TF TC=0+-100	28480	0698-3132
R65	0699-0966	1	RESISTOR 25 +-0.1% .125W TF TC=0+-25	28480	0699-0966
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R66	0699-0992	1	RESISTOR 227.2 +-0.1% .125W TF TC=0+-25	28480	0699-0992
R67	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R68	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445
R69	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R70	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R71	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R72	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R73	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R74	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R76	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394
R77	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R78	0757-0398	1	RESISTOR 75 +-1% .125W TF TC=0+-100	28480	0757-0398
R79	0757-0420	1	RESISTOR 750 +-1% .125W TF TC=0+-100	28480	0757-0420
R80	0698-3442	1	RESISTOR 237 +-1% .125W TF TC=0+-100	28480	0698-3442
R81	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R82	0757-0417	1	RESISTOR 562 +-1% .125W TF TC=0+-100	28480	0757-0417
R83	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R84	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R86	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R87	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442

Poforer	HP Part	04	Description	Mfr	Mfr Part
Reference Designator	Number	Qty	Description	Code	Number
R88	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R90	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394
R91	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R92	0757-0398	1	RESISTOR 75 +-1% .125W TF TC=0+-100	28480	0757-0398
R93	0757-0420	1	RESISTOR 750 +-1% .125W TF TC=0+-100	28480	0757-0420
R94	0698-3442	1	RESISTOR 237 +-1% .125W TF TC=0+-100	28480	0698-3442
R95	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R96	0757-0417	1	RESISTOR 562 +-1% .125W TF TC=0+-100	28480	0757-0417
R97	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R98	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R100	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R101	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R102	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R104	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394
R105	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R106	0757-0405	1	RESISTOR 162 +-1% .125W TF TC=0+-100	28480	0757-0405
R107	0757-0420	1	RESISTOR 750 +-1% .125W TF TC=0+-100	28480	0757-0420
R108	0698-3442	1	RESISTOR 237 +-1% .125W TF TC=0+-100	28480	0698-3442
R109	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R110	0757-0417	1	RESISTOR 562 +-1% .125W TF TC=0+-100	28480	0757-0417
R111	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	
R112	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	
R113	0757-0421	1	RESISTOR 825 +-1% .125W TF TC=0+-100	28480	0757-0421
R114	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R115	0757-0428	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	28480	0757-0428
***	1000 000	_	MD ANGIOMOD ADDAM AADDA DI OMO MO AA	00.400	1050 0000
U1	1858-0086	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	i	1858-0086
U2	1858-0086	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	ŀ	1858-0086
U3	1858-0086	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	!	1858-0086
U4	1858-0086	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116		1858-0086
U5	1858-0086	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	∠848U	1858-0086
TIE	1050 0000	,	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	28480	1858-0086
U6	1858-0086	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116 TRANSISTOR ARRAY 14-PIN PLSTC TO-116		
U7	1858-0086	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116 TRANSISTOR ARRAY 14-PIN PLSTC TO-116	1	1858-0086
U8	1858-0086	1			1858-0086
U9	1826-0557	1	IC OP AMP GP QUAD 14 PIN DIP C	1	1826-0557
U10	1826-0557	1	IC OP AMP GP QUAD 14 PIN DIP-C	28480	1826-0557
	L	L		L	L

Reference Designator		Qty	Description		Mfr Part Number
W1	8159-0005	1	RESISTOR 0 CWM	28480	8159-0005
W2	8159-0005	1	RESISTOR 0 CWM	28480	8159-0005
Wз	8159-0005	1	RESISTOR 0 CWM	28480	8159-0005

41) 11×17 08590-60105-2 08590-60105-1 42) 11×17

Component-Level Information Packet for 08590-60386

Log Amplifier



HP Part No. 08590-90274 Printed in USA May 1997 Notice. The information contained in this document is subject to change without notice.

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HP Part Number 08590-60386 **Log Amplifier**

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C1	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C2	0180-4130	1	CAP-FXD 2.2uF +-10% 20 V TA	28480	0180-4130
С3	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C4	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C5	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
	:			İ	
C6	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C7	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4040
C8	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C9	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C10	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C11	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C12	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C14	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C15	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C16	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C17	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C18	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C19	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C20	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C21	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C22	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C23	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C24	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C25	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C26	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C27	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C28	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C29	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C30	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C31	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C32	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C33	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C34	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C36	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C37	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554

Reference	HP Part	Qty	Description	Mfr	Mfr Part		
Designator	Number			Code	Number		
C38	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C39	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C40	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480			
C41	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C42	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480			
		_		·			
C43	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C44	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C45	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C46	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C47	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C48	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C49	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C50	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C51	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C52	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C53	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C54	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C55	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C56	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C57	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C58	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C59	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C60	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C61	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C62	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C63	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C64	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C65	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C66	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C67	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C68	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C69	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554		
C70	0160-4382	1	CAP-FXD 3.3 _P F +-7.58% 200 V CER C0G	28480	0160-4382		
C71	0160-4788	1	CAP-FXD 18pF +-5% 100 V CER C0G	28480	0160-4788		
C72	0160-3875	1	CAP-FXD 22pF +-5% 200 V CER C0G	28480	0160-3875		

Designator	HP Part Number	Qty	Description		Mfr Part Number
C73	0160-4387	1	CAP-FXD 47pF +-5% 200 V CER C0G	28480	0160-4387
C77	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C78	0180-4136	1	CAP-FXD 10uF +-10% 20 V TA	28480	0180-4136
C79	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	28480	0160-4535
CR1	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR2	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR4	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR6	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR7	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR8	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR9	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR10	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR11	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR12	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
CR13	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR14	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR15	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
CR16	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
CR17	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR18	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR19	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
CR20	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR21	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR22	1901-0040	1	DIODE-SWITCHING 30V 50MA 2NS DO-35	02237	D3D2
CR23	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR24	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR25	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
CR26	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR27	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
CR28	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
CR29	1901-1070	1	DIODE-PIN 110V	28480	1901-1070
CR30	1901-1085	1	DIODE-SCHOTTKY SM SIG	28480	1901-1085
E1	9170-0029	1	CORE-SHIELDING BEAD	28480	9170-0029
J1	1250-0543	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	28480	1250-0543
L1	9100-1618	1	INDUCTOR RF-CH-MLD 5.6uH +-10%	28480	9100-1618

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	Qty	Description	Code	Number
L2	9140-0144	1	INDUCTOR RF-CH-MLD 4.7uH +-10%	28480	9140-0144
L3	9140-0105	1	INDUCTOR RF-CH-MLD 8.2uH +-10%	28480	9140-0105
L4	9100-1619	1	INDUCTOR RF-CH-MLD 6.8uH +-10%	28480	9100-1619
L5	9100-1619	1	INDUCTOR RF-CH-MLD 6.8uH +-10%	28480	9100-1619
L6	9140-0114	1	INDUCTOR RF-CH-MLD 10uH +-10%	28480	9140-0114
L7	9140-0114	1	INDUCTOR RF-CH-MLD 10uH +-10%	28480	9140-0114
L8	9140-0114	1	INDUCTOR RF-CH-MLD 10uH +-10%		9140-0114
L9	9140-0112	1	INDUCTOR RF-CH-MLD 4.7uH +-10%	28480	9140-0112
L10	9100-3562	1	INDUCTOR RF-CH-MLD 4.7uH +-5%	28480	9100-3562
L11	9100-3912	1	INDUCTOR RF-CH-MLD 15uH +-5%	28480	9100-3912
L12	9140-0454	1	INDUCTOR RF-CH-MLD 18uH +-5%	28480	9140-0454
L13	9100-3313	1	INDUCTOR RF-CH-MLD 22uH +-5%	28480	9100-3313
L14	9100-2257	1	INDUCTOR RF-CH-MLD 820nH +-10%	28480	9100-2257
P2	1252-3997	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-3997
Q1	1854-0637	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02237	2N2219A
Q2	1853-0281	1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02237	2N2907A
Q3	1853-0281	1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02237	2N2907A
Q4	1853-0015	1	TRANSISTOR PNP SI PD=200MW FT=500MHZ	02237	6592
Q5	1853-0015	1	TRANSISTOR PNP SI PD=200MW FT=500MHZ	02237	6592
Q6	1853-0563	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0563
Q7	1854-0979	1	TRANSISTOR NPN SI TO-92 PD=350MW	28480	1854-0979
Q8	1853-0015	1	TRANSISTOR PNP SI PD=200MW FT=500MHZ	02237	6592
Q9	1854-0979	1	TRANSISTOR NPN SI TO-92 PD=350MW	28480	1854-0979
Q10	1853-0015	1	TRANSISTOR PNP SI PD=200MW FT=500MHZ	02237	6592
Q11	1854-0979	1	TRANSISTOR NPN SI TO-92 PD=350MW	28480	1854-0979
Q12	1853-0015	1	TRANSISTOR PNP SI PD=200MW FT=500MHZ	02237	6592
Q13	1854-0979	1	TRANSISTOR NPN SI TO-92 PD=350MW	28480	1854-0979
Q14	1854-0979	1	TRANSISTOR NPN SI TO-92 PD=350MW	28480	1854-0979
Q15	1854-0979	1	TRANSISTOR NPN SI TO-92 PD=350MW	28480	1854-0979
Q16	1854-0979	1	TRANSISTOR NPN SI TO-92 PD=350MW	28480	1854-0979
Q17	1854-0979	1	TRANSISTOR NPN SI TO-92 PD=350MW	28480	1854-0979
Q18	1854-0979	1	TRANSISTOR NPN SI TO-92 PD=350MW	28480	1854-0979
Q19	1854-0979	1	TRANSISTOR NPN SI TO-92 PD=350MW	28480	1854-0979
Q20	1854-0979	1	TRANSISTOR NPN SI TO-92 PD=350MW	28480	1854-0979
Q24	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904

Designator Number Code Number Q25 1854-0979 1 TRANSISTOR NPN SI TO-92 PD=350MW 28480 1854-0979 R1 0698-7239 1 RESISTOR 1.33K + 1% .05W TF TC=0+-100 28480 0698-7239 R2 0757-0280 1 RESISTOR 1.3K + 1% .125W TF TC=0+-100 28480 0698-7239 R3 0698-0084 1 RESISTOR 2.15K + 1% .125W TF TC=0+-100 28480 0757-0420 R4 0698-3430 1 RESISTOR 11K + 1% .125W TF TC=0+-100 28480 0698-3430 R5 0757-0443 1 RESISTOR 10K + 1% .125W TF TC=0+-100 28480 0757-0442 R6 0757-0442 1 RESISTOR 10K + 1% .125W TF TC=0+-100 28480 0757-0442 R9 0698-3450 1 RESISTOR 10K + 1% .125W TF TC=0+-100 28480 0757-0442 R10 2100-2633 1 RESISTOR 71K RIK 10% TKF SIDE-ADJ 1-TRN 28480 0698-3450 R11 0898-3154 1 RESISTOR 71K RIK 11% .15W TF TC=0+-100 28480 0698-3154 R1	Reference	HP Part	Qty	Description	Mfr	Mfr Part
R1 0698-7239 1 RESISTOR 1.33K + 1% .05W TF TC=0+100 28480 0698-7239 R2 0757-0280 1 RESISTOR 1K + 1% .125W TF TC=0+100 28480 0698-7239 R3 0698-0084 1 RESISTOR 2.15K + 1% .125W TF TC=0+100 28480 0698-0834 R4 0698-3430 1 RESISTOR 21.5 + 1% .125W TF TC=0+-100 28480 0698-3430 R5 0757-0443 1 RESISTOR 11K + 1% .125W TF TC=0+-100 28480 0757-0443 R6 0757-0442 1 RESISTOR 10K + 1% .125W TF TC=0+-100 28480 0757-0443 R7 0757-0442 1 RESISTOR 10K + 1% .125W TF TC=0+-100 28480 0757-0443 R8 0757-0442 1 RESISTOR 10K + 1% .125W TF TC=0+-100 28480 0757-0442 R9 0698-3450 1 RESISTOR 11K + 1% .125W TF TC=0+-100 28480 0757-0442 R1 0598-3154 1 RESISTOR 75.11K + 1% .125W TF TC=0+-100 28480 0757-0458 R13 0757-0461 1 RESISTOR 10 + 1% .125W TF TC=0+-100 28480 0757-0458 R14 0757-0460 1 RESISTOR 15.11K + 1% .125W TF TC=0+-100 2848	1			<u>.</u>	Code	Number
R1 0698-7239 1 RESISTOR 1.33K + 1% .05W TF TC=0+100 28480 0698-7239 R2 0757-0280 1 RESISTOR 1K + 1% .125W TF TC=0+100 28480 0698-7239 R3 0698-0084 1 RESISTOR 2.15K + 1% .125W TF TC=0+100 28480 0698-0834 R4 0698-3430 1 RESISTOR 21.5 + 1% .125W TF TC=0+-100 28480 0698-3430 R5 0757-0443 1 RESISTOR 11K + 1% .125W TF TC=0+-100 28480 0757-0443 R6 0757-0442 1 RESISTOR 10K + 1% .125W TF TC=0+-100 28480 0757-0443 R7 0757-0442 1 RESISTOR 10K + 1% .125W TF TC=0+-100 28480 0757-0443 R8 0757-0442 1 RESISTOR 10K + 1% .125W TF TC=0+-100 28480 0757-0442 R9 0698-3450 1 RESISTOR 11K + 1% .125W TF TC=0+-100 28480 0757-0442 R1 0598-3154 1 RESISTOR 75.11K + 1% .125W TF TC=0+-100 28480 0757-0458 R13 0757-0461 1 RESISTOR 10 + 1% .125W TF TC=0+-100 28480 0757-0458 R14 0757-0460 1 RESISTOR 15.11K + 1% .125W TF TC=0+-100 2848	O25	1854_0979	1	TRANSISTOR NPN SI TO-92 PD=250MW	28480	1854-0979
R2 0757-0280 1 RESISTOR 1K +1% .125W TF TC=0+-100 28480 0757-0280 R3 0698-0084 1 RESISTOR 2.15K +1% .125W TF TC=0+-100 28480 0698-0084 R4 0698-3430 1 RESISTOR 2.15K +1% .125W TF TC=0+-100 28480 0698-0084 R5 0757-0443 1 RESISTOR 10K +1% .125W TF TC=0+-100 28480 0757-0442 R6 0757-0442 1 RESISTOR 10K +1% .125W TF TC=0+-100 28480 0757-0442 R9 0698-3450 1 RESISTOR 10K +1% .125W TF TC=0+-100 28480 0757-0442 R9 0698-3450 1 RESISTOR 10K +1% .125W TF TC=0+-100 28480 0757-0452 R10 2100-2633 1 RESISTOR 7RMR 1K 10% TKF SIDE-ADJ 1-TRN 28480 0698-3450 R11 0757-0458 1 RESISTOR 51.1K +1% .125W TF TC=0+100 28480 0757-0458 R13 0757-0458 1 RESISTOR 100 +1% .125W TF TC=0+100 28480 0757-0458 R16 0757-0458 1 RESISTOR 51.1K +1% .125W TF TC=0+100 28480	i i		_			
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R8 0757-0442 1 RESISTOR 10K +1% .125W TF TC=0+-100 28480 0757-0442 R9 0698-3450 1 RESISTOR 42.2K +1% .125W TF TC=0+-100 28480 0698-3450 R10 2100-2633 1 RESISTOR 42.2K +1% .125W TF TC=0+-100 28480 2100-2633 R11 0698-3154 1 RESISTOR 4.22K +1% .125W TF TC=0+-100 28480 0757-0458 R12 0757-0458 1 RESISTOR 51.1K +1% .125W TF TC=0+-100 28480 0757-0458 R13 0757-0460 1 RESISTOR 100 +1% .125W TF TC=0+-100 28480 0757-0460 R14 0757-0458 1 RESISTOR 51.1K +1% .125W TF TC=0+-100 28480 0757-0461 R15 0757-0458 1 RESISTOR 9.1K +1% .125W TF TC=0+-100 28480 0757-0458 R16 0757-0458 1 RESISTOR 9.1K +1% .125W TF TC=0+-100 28480 0757-0458 R16 0757-0464 1 RESISTOR 9.1K +1% .125W TF TC=0+-100 28480 0757-0458 R16 0757-0464 1 RESISTOR 1.9K +1% .125W TF TC=0+-100 2	R6	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R9 0698-3450 1 RESISTOR 42.2K +-1% .125W TF TC=0+-100 28480 0698-3450 R10 2100-2633 1 RESISTOR TRMR 1K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2633 R11 0698-3154 1 RESISTOR 4.22K +1% .125W TF TC=0+-100 28480 0698-3154 R12 0757-0458 1 RESISTOR 51.1K +1% .125W TF TC=0+-100 28480 0757-0458 R13 0757-0460 1 RESISTOR 61.9K +-1% .125W TF TC=0+-100 28480 0757-0460 R15 0757-0458 1 RESISTOR 51.1K +1% .125W TF TC=0+-100 28480 0757-0460 R16 0757-0464 1 RESISTOR 31.6 +1% .125W TF TC=0+-100 28480 0757-0458 R17 0757-0464 1 RESISTOR 90.9K +-1% .125W TF TC=0+-100 28480 0757-0464 R18 0698-3136 1 RESISTOR 17.8K +1% .125W TF TC=0+-100 28480 0698-3136 R19 0698-3083 1 RESISTOR 1.96K +-1% .125W TF TC=0+-100 28480 0698-3160 R20 0698-3453 1 RESISTOR 1.96K +-1% .125W TF TC=0+-100 <td>R7</td> <td>0757-0465</td> <td>1</td> <td>RESISTOR 100K +-1% .125W TF TC=0+-100</td> <td>28480</td> <td>0757-0465</td>	R7	0757-0465	1	RESISTOR 100K +-1% .125W TF TC=0+-100	28480	0757-0465
R10	R8	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R11 0698-3154 1 RESISTOR 4.22K +1% .125W TF TC=0+.100 28480 0698-3154 R12 0757-0458 1 RESISTOR 51.1K +1% .125W TF TC=0+.100 28480 0757-0458 R13 0757-0460 1 RESISTOR 100 +1% .125W TF TC=0+.100 28480 0757-0461 R14 0757-0460 1 RESISTOR 61.9K +1% .125W TF TC=0+.100 28480 0757-0460 R15 0757-0458 1 RESISTOR 51.1K +1% .125W TF TC=0+.100 28480 0757-0460 R16 0757-0468 1 RESISTOR 31.6 +1% .125W TF TC=0+.100 28480 0757-0458 R17 0757-0464 1 RESISTOR 90.9K +1% .125W TF TC=0+.100 28480 0757-0464 R18 0698-3136 1 RESISTOR 17.8K +1% .125W TF TC=0+.100 28480 0698-3136 R19 0698-3160 1 RESISTOR 1.96K +1% .125W TF TC=0+.100 28480 0698-3160 R20 0698-3453 1 RESISTOR 1.96K +1% .125W TF TC=0+.100 28480 0698-3453 R23 2100-2514 1 RESISTOR 1.21K +1% .125W TF TC=0+.100	R9	0698-3450	1	RESISTOR 42.2K +-1% .125W TF TC=0+-100	28480	0698-3450
R11 0698-3154 1 RESISTOR 4.22K +1% .125W TF TC=0+.100 28480 0698-3154 R12 0757-0458 1 RESISTOR 51.1K +1% .125W TF TC=0+.100 28480 0757-0458 R13 0757-0460 1 RESISTOR 100 +1% .125W TF TC=0+.100 28480 0757-0461 R14 0757-0460 1 RESISTOR 61.9K +1% .125W TF TC=0+.100 28480 0757-0460 R15 0757-0458 1 RESISTOR 51.1K +1% .125W TF TC=0+.100 28480 0757-0460 R16 0757-0468 1 RESISTOR 31.6 +1% .125W TF TC=0+.100 28480 0757-0458 R17 0757-0464 1 RESISTOR 90.9K +1% .125W TF TC=0+.100 28480 0757-0464 R18 0698-3136 1 RESISTOR 17.8K +1% .125W TF TC=0+.100 28480 0698-3136 R19 0698-3160 1 RESISTOR 1.96K +1% .125W TF TC=0+.100 28480 0698-3160 R20 0698-3453 1 RESISTOR 1.96K +1% .125W TF TC=0+.100 28480 0698-3453 R23 2100-2514 1 RESISTOR 1.21K +1% .125W TF TC=0+.100						
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R15 0757-0458 1 RESISTOR 51.1K +-1% .125W TF TC=0+-100 28480 0757-0458 R16 0757-0180 1 RESISTOR 31.6 +-1% .125W TF TC=0+-100 28480 0757-0180 R17 0757-0464 1 RESISTOR 90.9K +-1% .125W TF TC=0+-100 28480 0757-0464 R18 0698-3136 1 RESISTOR 17.8K +-1% .125W TF TC=0+-100 28480 0698-3136 R19 0698-3160 1 RESISTOR 31.6K +-1% .125W TF TC=0+-100 28480 0698-3160 R20 0698-0083 1 RESISTOR 1.96K +-1% .125W TF TC=0+-100 28480 0698-3160 R21 2100-2489 1 RESISTOR 1.96K +-1% .125W TF TC=0+-100 28480 0698-3160 R22 0698-3453 1 RESISTOR 196K +-1% .125W TF TC=0+-100 28480 0698-3453 R23 2100-2514 1 RESISTOR 196K +-1% .125W TF TC=0+-100 28480 0698-3453 R24 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R25 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R26 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R27 2100-2489 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R28 0757-0346 1 RESISTOR 1.0 +-1% .125W TF TC=0+-100 28480 0757-0346 R29 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R30 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522 R31 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R30 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522 R31 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R32 0757-0346 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522 R33 0757-0346 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 0757-0346 R33 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522	R13	0757-0401	1	RESISTOR 100 +-1% .125W TF TC=0+-100	28480	0757-0401
R16 0757-0180 1 RESISTOR 31.6 +-1% .125W TF TC=0+-100 28480 0757-0180 R17 0757-0464 1 RESISTOR 90.9K +-1% .125W TF TC=0+-100 28480 0757-0464 R18 0698-3136 1 RESISTOR 17.8K +-1% .125W TF TC=0+-100 28480 0698-3136 R19 0698-3160 1 RESISTOR 31.6K +-1% .125W TF TC=0+-100 28480 0698-3136 R20 0698-0083 1 RESISTOR 1.96K +-1% .125W TF TC=0+-100 28480 0698-3160 R21 2100-2489 1 RESISTOR TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2489 R22 0698-3453 1 RESISTOR TRMR 20K 10% TKF SIDE-ADJ 1-TRN 28480 0698-3453 R23 2100-2514 1 RESISTOR TRMR 20K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2514 R24 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R25 0757-0274 1 RESISTOR TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 0757-0274 R27 2100-2489 1 RESISTOR TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 0757-0346 R29 0757-0346 1 RESISTOR TO +-1% .125W TF	R14	0757-0460	1	RESISTOR 61.9K +-1% .125W TF TC=0+-100	28480	0757-0460
R16 0757-0180 1 RESISTOR 31.6 +-1% .125W TF TC=0+-100 28480 0757-0180 R17 0757-0464 1 RESISTOR 90.9K +-1% .125W TF TC=0+-100 28480 0757-0464 R18 0698-3136 1 RESISTOR 17.8K +-1% .125W TF TC=0+-100 28480 0698-3136 R19 0698-3160 1 RESISTOR 31.6K +-1% .125W TF TC=0+-100 28480 0698-3136 R20 0698-0083 1 RESISTOR 1.96K +-1% .125W TF TC=0+-100 28480 0698-3160 R21 2100-2489 1 RESISTOR TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2489 R22 0698-3453 1 RESISTOR TRMR 20K 10% TKF SIDE-ADJ 1-TRN 28480 0698-3453 R23 2100-2514 1 RESISTOR TRMR 20K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2514 R24 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R25 0757-0274 1 RESISTOR TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 0757-0274 R27 2100-2489 1 RESISTOR TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 0757-0346 R29 0757-0346 1 RESISTOR TO +-1% .125W TF						
R17 0757-0464 1 RESISTOR 90.9K +-1% .125W TF TC=0+-100 28480 0757-0464 R18 0698-3136 1 RESISTOR 17.8K +-1% .125W TF TC=0+-100 28480 0698-3136 R19 0698-3160 1 RESISTOR 31.6K +-1% .125W TF TC=0+-100 28480 0698-3160 R20 0698-0083 1 RESISTOR 1.96K +-1% .125W TF TC=0+-100 28480 0698-0083 R21 2100-2489 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2489 R22 0698-3453 1 RESISTOR-TRMR 20K 10% TKF SIDE-ADJ 1-TRN 28480 0698-3453 R23 2100-2514 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R24 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R25 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R26 0757-0274 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 0757-0274 R27 2100-2489 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R29 0757-0346 1 RESISTOR TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 0757-0346 R30 2100-2522 <td>R15</td> <td>0757-0458</td> <td>1</td> <td>RESISTOR 51.1K +-1% .125W TF TC=0+-100</td> <td>28480</td> <td>0757-0458</td>	R15	0757-0458	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	28480	0757-0458
R18 0698-3136 1 RESISTOR 17.8K +-1% .125W TF TC=0+-100 28480 0698-3136 R19 0698-3160 1 RESISTOR 31.6K +-1% .125W TF TC=0+-100 28480 0698-3160 R20 0698-0083 1 RESISTOR 1.96K +-1% .125W TF TC=0+-100 28480 0698-0083 R21 2100-2489 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2489 R22 0698-3453 1 RESISTOR 196K +-1% .125W TF TC=0+-100 28480 0698-3453 R23 2100-2514 1 RESISTOR-TRMR 20K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2514 R24 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R25 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R26 0757-0274 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 0757-0274 R27 2100-2489 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R29 0757-0346 1 RESISTOR TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 0757-0346 R30 2100-2522	R16	0757-0180	1	•		
R19 0698-3160 1 RESISTOR 31.6K +-1% .125W TF TC=0+-100 28480 0698-3160 R20 0698-0083 1 RESISTOR 1.96K +-1% .125W TF TC=0+-100 28480 0698-0083 R21 2100-2489 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2489 R22 0698-3453 1 RESISTOR 196K +-1% .125W TF TC=0+-100 28480 0698-3453 R23 2100-2514 1 RESISTOR TRMR 20K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2514 R24 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R25 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R26 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R27 2100-2489 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2489 R28 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R30 2100-2522 1 RESISTOR TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 0757-0346 R32 0757-0346	R17	0757-0464	1	• **	28480	0757-0464
R20 0698-0083 1 RESISTOR 1.96K +-1% .125W TF TC=0+-100 28480 0698-0083 R21 2100-2489 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2489 R22 0698-3453 1 RESISTOR 196K +-1% .125W TF TC=0+-100 28480 0698-3453 R23 2100-2514 1 RESISTOR-TRMR 20K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2514 R24 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R25 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R26 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R27 2100-2489 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 0757-0346 R28 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R30 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 0757-0346 R31 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R32 0757-0346	R18	0698-3136	1		28480	0698-3136
R21 2100-2489 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 0698-3453 28480 2100-2489 R22 0698-3453 1 RESISTOR 196K +-1% .125W TF TC=0+-100 28480 0698-3453 R23 2100-2514 1 RESISTOR-TRMR 20K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2514 R24 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R25 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R26 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R27 2100-2489 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2489 R28 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R29 0757-0346 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522 R31 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R32 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R33 2100-2522 1 RESISTOR-TRMR	R19	0698-3160	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	28480	0698-3160
R21 2100-2489 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 0698-3453 28480 2100-2489 R22 0698-3453 1 RESISTOR 196K +-1% .125W TF TC=0+-100 28480 0698-3453 R23 2100-2514 1 RESISTOR-TRMR 20K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2514 R24 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R25 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R26 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R27 2100-2489 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2489 R28 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R29 0757-0346 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522 R31 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R32 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R33 2100-2522 1 RESISTOR-TRMR	.			Distriction of the second of t		
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R23 2100-2514 1 RESISTOR-TRMR 20K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2514 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 28480 0757-0274 R25 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2489 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 RESISTOR 10 +-1% .125W TF TC=0+-100 284			_			ł
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R26 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R27 2100-2489 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2489 R28 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R29 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R30 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522 R31 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R32 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R33 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522	R24	0757-0274	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	28480	0757-0274
R26 0757-0274 1 RESISTOR 1.21K +-1% .125W TF TC=0+-100 28480 0757-0274 R27 2100-2489 1 RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2489 R28 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R29 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R30 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522 R31 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R32 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R33 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522	Dor.	0222 002	,	DESIGNOD 1 01K 1M 10rW TE TO 0 1 200	00400	0757 0074
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R28 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R29 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R30 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522 R31 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R32 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R33 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522						
R29 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R30 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522 R31 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R32 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R33 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522						
R30 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522 R31 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R32 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R33 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522						
R31 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R32 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R33 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522	R29	U101-U346	1	RESISTOR 10 +-1% .125W 1F 10=0+-100	2048U	0131-0346
R31 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R32 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R33 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522	R30	2100-2522	1	RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN	28480	2100-2522
R32 0757-0346 1 RESISTOR 10 +-1% .125W TF TC=0+-100 28480 0757-0346 R33 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522	1					
R33 2100-2522 1 RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN 28480 2100-2522			_ [
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Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number		2 55 5 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	Code	\mathbf{Number}
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R35	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R36	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R37	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	0757-0442
R38	0698-3151	1	RESISTOR 2.87K +-1% .125W TF TC=0+-100	28480	0698-3151
R39	2100-2520	1	RESISTOR-TRMR 50 20% TKF SIDE-ADJ 1-TRN	28480	2100-2520
R40	0757-0442	1	RESISTOR 10K +-1% .125W TF TC=0+-100	28480	
R41	0757-0290	1	RESISTOR 6.19K +-1% .125W TF TC=0+-100	28480	
R42	0757-0200	1	RESISTOR 5.62K +-1% .125W TF TC=0+-100	28480	0757-0200
R43	0757-0447	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	28480	
R44	0757-0420	1	RESISTOR 750 +-1% .125W TF TC=0+-100	28480	0757-0420
R45	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	
R46	0698-3156	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	28480	0698-3156
R47	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	
R48	0698-3150	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	28480	
R49	0698-3132	1	RESISTOR 261 +-1% .125W TF TC=0+-100	28480	0698-3132
R50	0757-0279	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	28480	0757-0279
R51	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R52	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R53	0757-0444	1	RESISTOR 12.1K +-1% .125W TF TC=0+-100	28480	0757-0444
R54	0757-0444	1	RESISTOR 12.1K +-1% .125W TF TC=0+-100	28480	0757-0444
R55	0757-0440	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	28480	0757-0440
R56	0757-0401	1	RESISTOR 100 +-1% .125W TF TC=0+-100	28480	0757-0401
R57	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R58	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R59	0698-3150	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	28480	0698-3150
R60	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	· ·	0698-3444
R61	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	l	0757-0280
R62	0757-0444	1	RESISTOR 12.1K +-1% .125W TF TC=0+-100	28480	0757-0444
R63	0757-0444	1	RESISTOR 12.1K +-1% .125W TF TC=0+-100	28480	[
R64	0757-0440	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	28480	0757-0440
R65	0757-0401	1	RESISTOR 100 +-1% .125W TF TC=0+-100		0757-0401
R66	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	
R67	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R68	0698-8958	1	RESISTOR 511K +-1% .125W TF TC=0+-100	28480	0698-8958
R69	2100-2692	1	RESISTOR-TRMR 1M 20% TKF SIDE-ADJ 1-TRN	28480	2100-2692
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Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R70	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R71	0757-0279	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	28480	0757-0279
R72	0757-0444	1	RESISTOR 12.1K +-1% .125W TF TC=0+-100	28480	0757-0444
R73	0757-0444	1	RESISTOR 12.1K +-1% .125W TF TC=0+-100	28480	0757-0444
R74	0757-0440	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	28480	0757-0440
R75	0757-0401	1	RESISTOR 100 +-1% .125W TF TC=0+-100	28480	0757-0401
R76	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R77	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R78	0698-3150	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	28480	0698-3150
R79	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R80	0757-0289	1	RESISTOR 13.3K +-1% .125W TF TC=0+-100	28480	0757-0289
R81	0757-0289	1	RESISTOR 13.3K +-1% .125W TF TC=0+-100	28480	0757-0289
R82	0757-0440	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	28480	0757-0440
R83	0757-0401	1	RESISTOR 100 +-1% .125W TF TC=0+-100	28480	0757-0401
R84	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
:					
R85	0757-0279	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	28480	0757-0279
R86	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100	28480	0757-0346
R87	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R88	2100-2522	1	RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN	28480	2100-2522
R89	0757-0440	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	28480	0757-0440
R90	0757-0403	1	RESISTOR 121 +-1% .125W TF TC=0+-100	28480	0757-0403
R91	0757-0289	1	RESISTOR 13.3K +-1% .125W TF TC=0+-100	28480	0757-0289
R92	0757-0289	1	RESISTOR 13.3K +-1% .125W TF TC=0+-100	28480	0757-0289
R93	0698-3155	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	28480	0698-3155
R94	0698-3150	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	28480	0698-3150
Dor	0575 0045	,	DEGLETOR to 1.1% torky TO TO 01.100	00400	0757 0010
R95	0757-0346		RESISTOR 10 +-1% .125W TF TC=0+-100		0757-0346
R96	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100		0698-3444
R97	0757-0289	1	RESISTOR 13.3K +-1% .125W TF TC=0+-100		0757-0289
R98	0757-0289	1	RESISTOR 13.3K +-1% .125W TF TC=0+-100		0757-0289
R99	0757-0440	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	28480	0757-0440
R100	0757-0403	1	RESISTOR 121 +-1% .125W TF TC=0+-100	28480	0757-0403
R101	0698-3155	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100		0698-3155
R102	0757-0346	1	RESISTOR 10 +-1% .125W TF TC=0+-100		0757-0346
R103	0757-0401	1	RESISTOR 100 +-1% .125W TF TC=0+-100		0757-0401
R104	0757-0401	1	RESISTOR 100 +-1% .125W TF TC=0+-100		0757-0401
		-			

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R105	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R106	0757-0417	1	RESISTOR 562 +-1% .125W TF TC=0+-100	28480	0757-0417
R107	0757-0199	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	28480	0757-0199
R108	0698-3434	1	RESISTOR 34.8 +-1% .125W TF TC=0+-100	28480	0698-3434
R109	0757-0400	1	RESISTOR 90.9 +-1% .125W TF TC=0+-100	28480	0757-0400
R111	0698-3440	1	RESISTOR 196 +-1% .125W TF TC=0+-100	28480	0698-3440
R112	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R113	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R114	0698-6782	1	RESISTOR 250 +-0.1% .125W TF TC=0+-25	28480	0698-6782
R115	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R116	2100-0670	1	RESISTOR-TRMR 10K 10% TKF SIDE-ADJ	28480	2100-0670
R117	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R118	8159-0005	1	RESISTOR 0 CWM	28480	8159-0005
R129	0698-0083	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	28480	0698-0083
R130	0757-0279	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	28480	0757-0279
R131	0757-0402	1	RESISTOR 110 +-1% .125W TF TC=0+-100	28480	0757-0402
R132	0757-0290	1	RESISTOR 6.19K +-1% .125W TF TC=0+-100	28480	0757-0290
R133	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R134	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R135	0757-0458	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	28480	0757-0458
R136	0757-0458	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	28480	0757-0458
R137	0757-0458	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	28480	0757-0458
R138	0757-0294	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	28480	0757-0294
TP1	1460-2201	1	SPRING RADIAL TEST POINT	12646	
TP2	1460-2201	1	SPRING RADIAL TEST POINT	12646	
ТРЗ	1460-2201	1	SPRING RADIAL TEST POINT	12646	
TP4	1460-2201	1	SPRING RADIAL TEST POINT	12646	
TP5	1460-2201	1	SPRING RADIAL TEST POINT	12646	
TP6	1460-2201	1	SPRING RADIAL TEST POINT	12646	
TP7	1460-2201	1	SPRING RADIAL TEST POINT	12646	
TDe	1460 0001	,	SPRING RADIAL TEST POINT	12646	
TP8 TP9	1460-2201 1460-2201	1	SPRING RADIAL TEST POINT	12646	
TP10	1460-2201	_	SPRING RADIAL TEST POINT	12646	
U1	1826-0139	1	IC OP AMP GP DUAL 8 PIN DIP-P		1826-0139
O1	1020-0139	1	TO OI AIMI GI DOAD 6 I IN DII -I	20-100	1020-0109

Reference Designator			Description	Mfr Code	Mfr Part Number
U3	1826-2491	1	IC MISC 8 PIN DIP-P	28480	1826-2491
VR1	1902-0901	1	DIODE-ZNR 5.4V 1% DO-35 PD=.4W TC=+.046%	28480	1902-0901
W1	1258-0225	1	JUMPER 2 CONTACTS; PHOSPOR BRONZE OR	03206	65474-001

(43) 11X17 08590-60386-2 (43) 11X17 08590-60386-1 (44) 11X17 10fZ

Component-Level Information Packet for 08590-60218

Motherboard



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HP Part Number 08590-60218 Motherboard

Designator Number Code Num C1 0160-3879 1 CAP-FXD 0.01uF +-20% 100 V CER X7R 28480 0160-3 C2 0160-3879 1 CAP-FXD 0.01uF +-20% 100 V CER X7R 28480 0160-3 C4 0160-3879 1 CAP-FXD 0.01uF +-20% 100 V CER X7R 28480 0160-3 C5 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4					Ι	1
C1 0160-3879 1 CAP-FXD 0.01uF +20% 100 V CER X7R 28480 0160-3 C2 0160-3879 1 CAP-FXD 0.01uF +20% 100 V CER X7R 28480 0160-3 C4 0160-3879 1 CAP-FXD 0.01uF +20% 100 V CER X7R 28480 0160-3 C5 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C6 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C7 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C8 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C9 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C10 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C10 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C10 0160-4832 1 CAP-FXD 0.01uF +20% 100 V CER X7R 28480 0160-4 C101 0160-3879 1 CAP-FXD 0.01uF +20% 100 V CER X7R 28480 0160-4 C102 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C103 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C104 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C105 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C106 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C106 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C107 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C108 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C109 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C109 0160-4386 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4 C109 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +5% 200 V CER C0G 28480 0160-4 C113 0160-4386 1 CAP-FXD 33pF +5% 200 V CER	ı t	i 1	Qty	Description		Mfr Part
C2 0160-3879 1 CAP-FXD 0.01uF + 20% 100 V CER X7R 28480 0160-3 C4 0160-3879 1 CAP-FXD 0.01uF + 20% 100 V CER X7R 28480 0160-3 C5 0160-4832 1 CAP-FXD 0.01uF + 10% 100 V CER X7R 28480 0160-4 C6 0160-4832 1 CAP-FXD 0.01uF + 10% 100 V CER X7R 28480 0160-4 C7 0160-4832 1 CAP-FXD 0.01uF + 10% 100 V CER X7R 28480 0160-4 C8 0160-4832 1 CAP-FXD 0.01uF + 10% 100 V CER X7R 28480 0160-4 C9 0160-4832 1 CAP-FXD 0.01uF + 10% 100 V CER X7R 28480 0160-4 C10 0160-4832 1 CAP-FXD 0.01uF + 10% 100 V CER X7R 28480 0160-4 C101 0160-4832 1 CAP-FXD 0.01uF + 10% 100 V CER X7R 28480 0160-4 C102 0160-4832 1 CAP-FXD 0.01uF + 10% 100 V CER X7R 28480 0160-4 C103 0160-4832 1 CAP-FXD 0.01uF + 10% 100 V CER X7R 28480 0160-4 C104 0160-4832 1 CAP-FXD 0.01uF + 10% 100 V CER X7R 28480 0160-4 C105	Designator	Number			Code	Number
C4 0160-3879 1 CAP-FXD 0.01uF +-20% 100 V CER X7R 28480 0160-3 C5 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C6 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C7 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C8 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C9 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C10 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C101 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-3 C102 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C103 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C104 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C105 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C106 <td>C1</td> <td>0160-3879</td> <td>1</td> <td>CAP-FXD 0.01uF +-20% 100 V CER X7R</td> <td>28480</td> <td>0160-3879</td>	C1	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C5 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4800 C6 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4800 C7 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4800 C9 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4800 C10 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4800 C101 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4800 C102 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4800 C103 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4800 C104 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4800 C105 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4800 C106 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 <td< td=""><td>C2</td><td>0160-3879</td><td>1</td><td>CAP-FXD 0.01uF +-20% 100 V CER X7R</td><td>28480</td><td>0160-3879</td></td<>	C2	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C6 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C7 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C8 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C9 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C10 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C101 0160-4832 1 CAP-FXD 0.01uF +-20% 100 V CER X7R 28480 0160-3 C102 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C103 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C104 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C105 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C106 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 <tr< td=""><td>C4</td><td>0160-3879</td><td>1</td><td>CAP-FXD 0.01uF +-20% 100 V CER X7R</td><td>28480</td><td>0160-3879</td></tr<>	C4	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C6 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C7 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C8 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C9 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C10 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C101 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-3 C102 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C103 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C104 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C105 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C106 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 <tr< td=""><td>C5</td><td>0160-4832</td><td>1</td><td>CAP-FXD 0.01uF +-10% 100 V CER X7R</td><td>28480</td><td>0160-4832</td></tr<>	C5	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C7	1	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C8 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-480-4832 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-480-4832 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-480-4832 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-480-4832 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-480-4832 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-480-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-480-4836 0160-4836 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-480-4836 0160-4836 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 284						
C9 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C10 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-3 C101 0160-3879 1 CAP-FXD 0.01uF +-20% 100 V CER X7R 28480 0160-3 C102 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C103 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C104 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C105 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C106 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C107 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C108 0160-4832 1 CAP-FXD 0.01uF +-10% 50 V CER X7R 28480 0160-4 C109 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C110 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112<	C7	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C10 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-3 C102 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-3 C103 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C104 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C105 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C106 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C106 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C107 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C108 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C109 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C109 0160-4535 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C100 0160-4386 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C110 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C115 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C110 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C120 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C120 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C8	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C101 0160-3879 1 CAP-FXD 0.01uF +-20% 100 V CER X7R 28480 0160-3 C102 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C103 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C104 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C105 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C106 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C107 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C107 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C108 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C109 0160-4535 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C109 0160-4535 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C110 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C110 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C115 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C110 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C9	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C102 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C103 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C104 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C105 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C106 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C107 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C108 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C109 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C109 0160-4335 1 CAP-FXD 1uF +-10% 50 V CER X7R 28480 0160-4 C110 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C115 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C116 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C10	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C103 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C104 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C105 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C106 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C107 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C108 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C109 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C109 0160-4535 1 CAP-FXD 1uF +-10% 50 V CER X7R 28480 0160-4 C110 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C120 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C120 0180-4069 1 CAP-FXD 300uF +-20% 25 V AL-ELCTLT 28480 0180-4 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C101	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C103 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C104 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C105 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C106 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C107 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C108 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C109 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C109 0160-4535 1 CAP-FXD 1uF +-10% 50 V CER X7R 28480 0160-4 C110 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C120 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C120 0180-4069 1 CAP-FXD 300uF +-20% 25 V AL-ELCTLT 28480 0180-4 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2						
C104 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C105 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C106 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C107 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C108 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C109 0160-4335 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C110 0160-4386 1 CAP-FXD 1uF +-10% 50 V CER X7R 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C115 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C116 0180-4069 1 CAP-FXD 30pF +-20% 25 V AL-ELCTLT 28480 0180-4 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0	C102	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C105	C103	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C106 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C107 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C108 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C109 0160-4535 1 CAP-FXD 1uF +-10% 50 V CER X7R 28480 0160-4 C110 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C110 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C104	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C107 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C108 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4 C109 0160-4535 1 CAP-FXD 1uF +-10% 50 V CER X7R 28480 0160-4 C110 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C120 0180-4069 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C105	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C108	C106	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C108						
C109 0160-4535 1 CAP-FXD 1uF +-10% 50 V CER X7R 28480 0160-4 C110 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C110 0180-4069 1 CAP-FXD 1000uF +-20% 25 V AL-ELCTLT 28480 0180-4 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C107	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C110 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C120 0180-4069 1 CAP-FXD 1000uF +-20% 25 V AL-ELCTLT 28480 0180-4 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C108	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C120 0180-4069 1 CAP-FXD 1000uF +-20% 25 V AL-ELCTLT 28480 0180-4 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 J1 1251-8911 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C109	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	28480	0160-4535
C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C120 0180-4069 1 CAP-FXD 1000uF +-20% 25 V AL-ELCTLT 28480 0180-4 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 J1 1251-8911 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C110	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER C0G	28480	0160-4386
C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER COG 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER COG 28480 0160-4 C120 0180-4069 1 CAP-FXD 1000uF +-20% 25 V AL-ELCTLT 28480 0180-4 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 J1 1251-8911 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C111	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER COG	28480	0160-4386
C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER COG 28480 0160-4 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER COG 28480 0160-4 C120 0180-4069 1 CAP-FXD 1000uF +-20% 25 V AL-ELCTLT 28480 0180-4 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 J1 1251-8911 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2						
C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4 C120 0180-4069 1 CAP-FXD 1000uF +-20% 25 V AL-ELCTLT 28480 0180-4 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 J1 1251-8911 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C112	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER COG	28480	0160-4386
C120 0180-4069 1 CAP-FXD 1000uF +-20% 25 V AL-ELCTLT 28480 0180-4069 CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 J1 1251-8911 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C113	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER COG	28480	0160-4386
CR1 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 J1 1251-8911 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C114	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER COG	28480	0160-4386
CR2 1901-0050 1 DIODE-SWITCHING 80V 200MA 2NS DO-35 28480 1901-0 J1 1251-8911 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	C120	0180-4069	1	CAP-FXD 1000uF +-20% 25 V AL-ELCTLT	28480	0180-4069
J1 1251-8911 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	CR1	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
J1 1251-8911 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1251-8 J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2						
J2 1252-2909 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2 J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	CR2	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
J7 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	J1	1251-8911	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8911
	J2	1252-2909	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2909
J8 1251-1365 1 CONNECTOR-PC EDGE 22-CONT/ROW 2-ROWS 28480 1251-1	J7	1252-2908	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2908
	J8	1251-1365	1	CONNECTOR-PC EDGE 22-CONT/ROW 2-ROWS	28480	1251-1365
J9 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	Ј9	1252-2908	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2908
J10 1252-2908 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 28480 1252-2	J10	1252-2908	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2908
J11 1251-1365 1 CONNECTOR-PC EDGE 22-CONT/ROW 2-ROWS 28480 1251-1	J11	1251-1365	1	CONNECTOR-PC EDGE 22-CONT/ROW 2-ROWS	28480	1251-1365
J12 1251-1365 1 CONNECTOR-PC EDGE 22-CONT/ROW 2-ROWS 28480 1251-1	J12	1251-1365	1	CONNECTOR-PC EDGE 22-CONT/ROW 2-ROWS	28480	1251-1365
J13 1251-8995 1 CONN-RECT D-SUBMIN 37-CKT 37-CONT 28480 1251-8	J13	1251-8995	1	CONN-RECT D-SUBMIN 37-CKT 37-CONT	28480	1251-8995

HP Part Number 08590-60218 Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
J14	1250-1846	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	28480	1250-1846
J15	1250-1846	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	28480	1250-1846
J16	1250-1846	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	28480	1250-1846
J17	1250-1846	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	28480	1250-1846
J18	1250-0257	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	28480	1250-0257
J19	1252-2153	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2153
J20	1252-2908	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2908
L1	9140-0158	1	INDUCTOR RF-CH-MLD 1uH +-10%	28480	9140-0158
L2	9140-0158	1	INDUCTOR RF-CH-MLD 1uH +-10%	28480	9140-0158
L4	9140-0158	1	INDUCTOR RF-CH-MLD 1uH +-10%	28480	9140-0158
L101	9140-0158	1	INDUCTOR RF-CH-MLD 1uH +-10%	28480	9140-0158
Q1	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	28480	1854-0215
Q2	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	28480	1854-0215
R2	0698-7217	1	RESISTOR 162 +-1% .05W TF TC=0+-100	28480	0698-7217
R101	0698-7237	1	RESISTOR 1.1K +-1% .05W TF TC=0+-100	28480	0698-7237
R102	0698-7239	1	RESISTOR 1.33K +-1% .05W TF TC=0+-100	28480	0698-7239
R103	0698-3440	1	RESISTOR 196 +-1% .125W TF TC=0+-100	28480	0698-3440
R104	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445
R105	0698-7227	1	RESISTOR 422 +-1% .05W TF TC=0+-100	28480	0698-7227
R106	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R107	0698-7219	1	RESISTOR 196 +-1% .05W TF TC=0+-100	28480	0698-7219
R108	0698-7219	1	RESISTOR 196 +-1% .05W TF TC=0+-100	28480	0698-7219
R109	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R110	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R111	0757-0316	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	28480	0757-0316
R112	0698-7206	1	RESISTOR 56.2 +-1% .05W TF TC=0+-100	28480	0698-7206
R113	0698-8960	1	RESISTOR 750K +-1% .125W TF TC=0+-100	28480	0698-8960

(46) 11×17 08590-60218-2 (47) 11×17 08590-60218-1

Component-Level Information Packet for 08591-60062

Motherboard



HP Part No. 08591-90103 Printed in USA August 1995 Notice. The information contained in this document is subject to change without notice.

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HP Part Number 08591-60062 Motherboard

C1 0160-3879 1 CAP-FXD 0.01uF +-20% 100 V CER X7R 28480 0160-3879 C4 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4836 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4836 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4836 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4836 CAP-FXD 0.01uF +-10% 50 V CER X7R 28480 0160-4836 CAP-FXD 0.01uF +-10% 50 V CER X7R 28480 0160-4835 CAP-FXD 0.01uF +-10% 50 V CER X7R 28480 0160-4835 CAP-FXD 0.01uF +-10% 50 V CER X7R 28480 0160-4832 CAP-FXD 0.01uF +-10% 50 V CER X	Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C2 0160-3879 1 CAP-FXD 0.01uF +-20% 100 V CER X7R 28480 0160-3879 C3 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-3879 C6 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C7 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C8 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C9 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C101 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C102 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C104 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C105 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C106 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 01						
C4 0160-3879 1 CAP-FXD 0.01uF +20% 100 V CER X7R 28480 0160-4832 C6 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 C7 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 C8 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 C9 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 C10 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 C102 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 C103 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 C104 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 C105 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 C106 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 </td <td></td> <td></td> <td></td> <td></td> <td>l</td> <td></td>					l	
C5 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 CAP-FXD 0.01uF +10% 50 V CER COG 28480 0160-4386 CAP-FXD 0.01uF +10% 50 V CER COG 28480 0160-4386 CAP-FXD 0.01uF +00 V CER COG 28480 0160-4386 CAP-FXD 0.01uF +00 V CER COG 28480 0160-4386 CAP-FXD 0.01uF +00 V CER COG 28480 0160-4386 CAP-FXD 0.01uF +00 V CER COG 28480 0160-4386 CAP-FXD 0.01uF +00 V CER COG 28480 0160-4386 CAP-FXD 0.01uF +00 V CER COG 28480 0160-4386 CAP-FXD 0.01uF +00 V CER COG 28480 0160-4386 CAP-FXD 0.01uF +00 V CER X7R 28480 0160-4386 CAP-FXD 0.01uF +00 V CER X7R 28480 0160-4386 CAP-FXD 0.01uF +00 V CER X7R 28480 0160-4386 CAP-FXD 0.01uF +00 V CER X7R 28480 0160-4835 CAP-FXD 0.01uF +00 V CER X7R 28480 0160-4835 CAP-FXD 0.01uF +00 V CER X7R 28480 0160-4835 CAP-FXD 0.01uF +00 V CER X7R 28480 0160-4835 CAP-FXD 0.01uF +00 V CER X7R 28480 0160-4835 CAP-FXD 0.01uF +00 V CER X7R 28480 0160-4835 CAP-FXD 0.01uF +00 V CER X7R 28480 0160-4835 CAP-FXD 0.01uF +00	l .		_	·	l	l l
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C8	C6	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C9	C7	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C10	C8	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C101 0160-3879 1 CAP-FXD 0.01uF +20% 100 V CER X7R 28480 0160-3879 C102 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832	C9	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C102	C10	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C103 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 24860 0160-4832 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 28480 0160-4832 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 28480 0160-4832 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 28480 0160-4832 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 28480 0160-4832 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 28480 0160-4832 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836	C101	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C103 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 24860 0160-4832 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 28480 0160-4832 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 28480 0160-4832 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 28480 0160-4832 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 28480 0160-4832 0160-4832 1 CAP-FXD 0.01uF +10% 100 V CER X7R 28480 0160-4832 28480 0160-4832 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836 0160-4836	C102	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
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C110 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4386 C111 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4386 C112 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4386 C113 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4386 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4386 C114 0160-4386 1 CAP-FXD 33pF +-5% 200 V CER C0G 28480 0160-4386 C120 0180-4069 1 CAP-FXD 1000uF +-20% 25 V AL-ELCTLT 28480 0180-4069 C200 0160-4846 1 CAP-FXD 1500pF +-5% 100 V CER C0G 28480 0160-4846 C201 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C202 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C203 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C204 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C205 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C206 0160-4832 1 CAP-FXD 0.01uF +-10% 50 V CER X7R 28480 0160-4832 C207 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C208 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832	C108	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
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C113	C111	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER C0G	28480	0160-4386
C113	C112	0160 4386	1	CAP FYD 335F ± 5% 200 V CFR COC	28480	0160-4386
C114						
C120			_			
C200 0160-4846 1 CAP-FXD 1500pF +-5% 100 V CER COG 28480 0160-4846 C201 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C202 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C203 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C204 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C205 0160-4535 1 CAP-FXD 1uF +-10% 50 V CER X7R 28480 0160-4835 C206 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C207 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C208 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832			_			
C201 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C202 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C203 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C204 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C205 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C205 0160-4535 1 CAP-FXD 1uF +-10% 50 V CER X7R 28480 0160-4835 C205 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C207 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C208 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 C209 0160-4832 C209 0160-4832 C209 0160-4832 C209 0160-4832 C209 0160-4832 C209 0160-4832 C209 0160-4832 C209 0160-4832 C209 0160-4832 C209 0160-4832 C209 0160-4832 C209 0160-4832 C209 0160-4832 C209 0160-48			_			
C202 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C203 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C204 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C205 0160-4535 1 CAP-FXD 1uF +-10% 50 V CER X7R 28480 0160-4835 C206 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C207 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C208 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832	C200	U16U-4846	1	CAF-FAD 1800pr +-8% 100 V CER COG	2848U	U16U-4846
C203 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C204 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C205 0160-4535 1 CAP-FXD 1uF +-10% 50 V CER X7R 28480 0160-4835 C206 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C207 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C208 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832	C201	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C204 0160-4835 1 CAP-FXD 0.1uF +-10% 50 V CER X7R 28480 0160-4835 C205 0160-4535 1 CAP-FXD 1uF +-10% 50 V CER X7R 28480 0160-4835 C206 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C207 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C208 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832	C202	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C205 0160-4535 1 CAP-FXD 1uF +-10% 50 V CER X7R 28480 0160-4535 C206 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C207 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C208 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832	C203	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C206 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C207 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C208 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832	C204	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C207 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C208 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832	C205	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	28480	0160-4535
C207 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C208 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832	C206	0160-4832	,	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C208 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832 C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832						
C209 0160-4832 1 CAP-FXD 0.01uF +-10% 100 V CER X7R 28480 0160-4832			ŀ	·		
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120 100 100 100 100 100 100				· ·		
	~ #10	2100 4002	-	1 20/0 100 / 02/0 / 11/0	20100	1220 1002

HP Part Number 08591-60062 Motherboard (continued)

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number		-	Code	Number
C211	0160 4930	-	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
CR1	0160-4832 1901-0050	1 1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR1	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR200	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR201	1901-0050	1	DIODE-SWITCHING OUV ZOOMA ZNO DO-50	20400	1301-0000
CR202	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR203	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR204	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
J1	1251-8911	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8911
J2	1252-2909	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2909
J3	1251-8911	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8911
J4	1251-8911	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8911
J5	1251-8911	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8911
J6	1251-8911	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8911
J7	1252-2908	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2908
J8	1251-1365	1	CONNECTOR-PC EDGE 22-CONT/ROW 2-ROWS	28480	1251-1365
J 9	1252-2908	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2908
J10	1252-2908	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2908
J11	1251-1365	1	CONNECTOR-PC EDGE 22-CONT/ROW 2-ROWS	28480	1251-1365
J12	1251-1365	1	CONNECTOR-PC EDGE 22-CONT/ROW 2-ROWS	28480	1251-1365
J13	1251-8995	1	CONN-RECT D-SUBMIN 37-CKT 37-CONT	28480	1251-8995
J14	1250-1846	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	28480	1250-1846
J15	1250-1846	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	28480	1250-1846
J16	1250-1846	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	28480	1250-1846
J17	1250-1846	1	CONNECTOR-RF BNC RCPT PC-W-STDFS 50-OHM	28480	1250-1846
J18	1250-0257	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	l	1250-0257
J19	1252-2153	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2153
J20	1252-2908	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	l	1252-2908
J200	1250-0257	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM		1250-0257
L1	9140-0158	1	INDUCTOR RF-CH-MLD 1uH +-10%	28480	9140-0158
					01.40.01.75
L2	9140-0158	l	INDUCTOR RF-CH-MLD 1uH +-10%		9140-0158
L4	9140-0158	l	INDUCTOR RF-CH-MLD 1uH +-10%		9140-0158
L101	9140-0158		INDUCTOR RF-CH-MLD 1uH +-10%		9140-0158
L200	9100-2276		INDUCTOR RF-CH-MLD 100uH +-10%	l	9100-2276
Q1	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	28480	1854-0215
	L			L	L

HP Part Number 08591-60062 **Motherboard (continued)**

Performed HP Pout Otyl Description 366 366 Per							
Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number		
20000111101							
Q2	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	28480	1854-0215		
Q200	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036		
Q201	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	28480	1854-0215		
Q202	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036		
Q203	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036		
Q204	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	28480	1854-0215		
Q205	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	28480	1854-0215		
Q206	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	28480	1854-0215		
R2	0698-7217	1	RESISTOR 162 +-1% .05W TF TC=0+-100	28480	0698-7217		
R101	0698-7237	1	RESISTOR 1.1K +-1% .05W TF TC=0+-100	28480	0698-7237		
R102	0698-7239	1	RESISTOR 1.33K +-1% .05W TF TC=0+-100	28480	0698-7239		
R103	0698-3440	1	RESISTOR 196 +-1% .125W TF TC=0+-100	28480	0698-3440		
R104	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445		
R105	0698-7227	1	RESISTOR 422 +-1% .05W TF TC=0+-100	28480	0698-7227		
R106	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205		
			·				
R107	0698-7219	1	RESISTOR 196 +-1% .05W TF TC=0+-100	28480	0698-7219		
R108	0698-7219	1	RESISTOR 196 +-1% .05W TF TC=0+-100	28480	0698-7219		
R109	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205		
R111	0757-0316	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	28480	0757-0316		
R112	0698-7206	1	RESISTOR 56.2 +-1% .05W TF TC=0+-100	28480	0698-7206		
R200	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260		
R201	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284		
R202	0698-7263	1	RESISTOR 13.3K +-1% .05W TF TC=0+-100	28480	0698-7263		
R203	0698-7227	1	RESISTOR 422 +-1% .05W TF TC=0+-100	28480	0698-7227		
R204	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260		
R205	0698-7227	1	RESISTOR 422 +-1% .05W TF TC=0+-100	28480	0698-7227		
R206	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236		
R207	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212		
R208	0698-7249	1	RESISTOR 3.48K +-1% .05W TF TC=0+-100	28480	0698-7249		
R209	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260		
R210	0698-7228	1	RESISTOR 464 +-1% .05W TF TC=0+-100	28480	0698-7228		
R211	0698-7267	1	RESISTOR 19.6K +-1% .05W TF TC=0+-100	28480	0698-7267		
R212	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243		
R213	0698-7228	1	RESISTOR 464 +-1% .05W TF TC=0+-100	28480	0698-7228		
R214	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260		

HP Part Number 08591-60062 **Motherboard (continued)**

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R215	0698-7263	1	RESISTOR 13.3K +-1% .05W TF TC=0+-100	28480	0698-7263
R216	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R217	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R218	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R219	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R220	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R221	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R222	0698-7230	1	RESISTOR 562 +-1% .05W TF TC=0+-100	28480	0698-7230
R223	0698-7220	1	RESISTOR 215 +-1% .05W TF TC=0+-100	28480	0698-7220
R224	0698-7220	1	RESISTOR 215 +-1% .05W TF TC=0+-100	28480	0698-7220
R225	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R226	0698-3446	1	RESISTOR 383 +-1% .125W TF TC=0+-100	28480	0698-3446
R227	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205

(48) 11×17 08591-60062-2 (49) 11×17 08591-60062-1

Component-Level Information Packet for 08590-60365

Processor/Video



HP Part No. 08590-90256 Printed in USA May 1997 Notice. The information contained in this document is subject to change without notice.

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HP Part Number 08590-60365 Processor/Video

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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C2	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C5	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C6	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C10	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C12	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C13	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C16	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C17	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C20	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C22	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C23	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C24	0160-6588	1	CAP-FXD 0.033uF +-10% 100 V CER X7R	28480	0160-6588
C25	0160-5099	1	CAP-FXD 3300pF +-5% 100 V CER COG	28480	0160-5099
C26	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
G07	01.00 4000		CAR EVE O OF E 1 10M 100 V CER VER		01.00 1000
C27	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C28	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	0160-4574
C29	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	
C30	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	
C31	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C32	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C33	0160-4807	1	CAP-FXD 33pF +-5% 100 V CER COG	28480	0160-4807
C34	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	
C35	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C36	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C37	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C38	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-4835
C39	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C40	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C41	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C43	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C44	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C46	0160-4574	1	CAP-FXD 1000 _P F +-10% 100 V CER X7R	28480	0160-4574
C47	0160-4682	1	CAP-FXD 1000pF +-2.5% 160 V POLYP-FL	28480	0160-4682
C48	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C50	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
1		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C51 C52	0160-4832 0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C54	0160-4832 0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C55	0100-4032	1	CAF-FAD 0.01uF +-10% 100 V CER X/R	20400	0100-4002
C56	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C57	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C58	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C59	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C60	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C61	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C62	0160-4832	1	CAP-FXD $0.01 uF +-10\% 100 V$ CER X7R	28480	0160-4832
C63	0160-4832	1	CAP-FXD $0.01uF +-10\% 100 V$ CER X7R	28480	0160-4832
C64	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C65	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C66	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C67	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C102	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C103	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C104	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C105	0160 4833		CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160 4922
C105	0160-4832	1	•	28480	0160-4832
C107	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R		0160-4832
C108	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C109	0160-4835	1		28480	0160-4835
C113	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C114	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C201	0160-4802	1	CAP-FXD 82pF +-5% 100 V CER COG		0160-4802
C203	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R		0160-4832
C204	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	1
C205	0160-4801	1	CAP-FXD 100 _P F +-5% 100 V CER C0G	28480	0160-4801
C206	0160-4832	1	CAP-FXD $0.01uF +-10\% 100 V CER X7R$	28480	0160-4832
C207	0160-4832	1	CAP-FXD $0.01uF +-10\% 100 V CER X7R$	28480	0160-4832
C208	0160-4805	1	CAP-FXD 47pF +-5% 100 V CER C0G	28480	0160-4805
C209	0160-4832	1	CAP-FXD $0.01uF +-10\% 100 V CER X7R$	28480	0160-4832
C210	0160-4832	1	CAP-FXD $0.01 \mathrm{uF}$ +-10% $100 \mathrm{~V}$ CER X7R	28480	0160-4832

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C301	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C302	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C303	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C304	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C305	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C306	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C307	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C308	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C309	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C310	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C311	0160-4805	1	CAP-FXD 47pF +-5% 100 V CER C0G	28480	0160-4805
C312	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C313	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C314	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C315	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
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C316	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C317	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C318	0180-4132	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-4132
C380	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C401	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER C0G	28480	0160-4386
C402	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER C0G	28480	0160-4386
C403	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER C0G	28480	0160-4386
C501	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C502	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C503	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C504	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C505	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
CR4	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR5	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35		D3D2
CR6	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR7	1901-0539	1	DIODE-SCHOTTKY SM SIG	28480	1901-0539
CR8	1901-1131	1	DIODE-SCHOTTKY SM SIG		1901-1131
CR101	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35		
CR102	1901-0050	- 1	DIODE-SWITCHING 80V 200MA 2NS DO-35		
CR103	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2

D. C.	Performed HP Post Oby						
Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number		
CR104	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR105	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR106	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR107	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR108	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR111	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR112	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR201	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR202	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2		
CR203	1901-0539	1	DIODE-SCHOTTKY SM SIG	28480	1901-0539		
CR204	1901-0535	1	DIODE-SCHOTTKY SM SIG	28480	1901-0535		
CR301	1901-0539	1	DIODE-SCHOTTKY SM SIG	28480	1901-0539		
CR401	1901-0743	1	DIODE-PWR RECT 1N4004 400V 1A DO-41	28480	1901-0743		
CR402	1901-0743	1	DIODE-PWR RECT 1N4004 400V 1A DO-41	28480	1901-0743		
CR403	1901-0743	1	DIODE-PWR RECT 1N4004 400V 1A DO-41	28480	1901-0743		
CR501	1901-1098	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	02237	1N4150		
CR502	1901-1098	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	02237	1N4150		
CR503	1901-1098	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	02237	1N4150		
CR504	1901-1098	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	02237	1N4150		
FB201	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	28480	9100-1788		
FB301	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	28480	9100-1788		
FB401	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	28480	9100-1788		
FB402	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	28480	9100-1788		
J1	1252-2907	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2907		
J2	1252-1284	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-1284		
J4	1252-1470	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-1470		
J5	1250-1846	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	28480	1250-1846		
J6	1252-1327	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	28480	1252-1327		
J7	1250-1846	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	28480	1250-1846		
J8	1252-2162	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2162		
J9	1252-1882	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-1882		
J10	1252-1065	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-1065		
J500	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	28480	1250-0257		
J501	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	28480	1250-0257		
L1	9100-1631	1	INDUCTOR RF-CH-MLD 56uH +-5%	28480	9100-1631		
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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L201	9100-1631	1	INDUCTOR RF-CH-MLD 56uH +-5%	28480	9100-1631
L301	9140-0736	1	INDUCTOR 200uH .3W-INX.4LG-IN	28480	9140-0736
MP11	0515-0169	1	SCREW-MACHINE ASSEMBLY M3 X 0.5 10MM-LG	05610	
MP12	0515-0169	1	SCREW-MACHINE ASSEMBLY M3 X 0.5 10MM-LG	05610	
MP13	0535-0025	1	NUT-HEX DBL-CHAM M3 X 0.5 2.4MM-THK	06691	
MP14	0535-0025	1	NUT-HEX DBL-CHAM M3 X 0.5 2.4MM-THK	06691	
MP14 MP15	5021-9910	1	GSKT BC FS 31X15		5021-9910
MP19	0361-1310	1	RIVET-BLIND PUSH-THRU MTG FLH ODIA	01924	1
		1	RIVET-BLIND PUSH-THRU MTG FLH ODIA	01924	Ì
MP20	0361-1310	_		28480	
MP22	08590-40012	1	INS-PROCESSOR	28480	08590-40012
MP23	0380-4357	1	SPACER-SNP-IN .5-IN-LG .17-IN-OD NYL NAT	02201	MSPS-8-01
MP24	0380-4357	1	SPACER-SNP-IN .5-IN-LG .17-IN-OD NYL NAT	02201	MSPS-8-01
MP25	0380-4357	1	SPACER-SNP-IN .5-IN-LG .17-IN-OD NYL NAT	02201	MSPS-8-01
MP26	0380-4357	1	SPACER-SNP-IN .5-IN-LG .17-IN-OD NYL NAT	02201	MSPS-8-01
P12	1252-6260	1	CONN-RECT SCSI I 50-CKT 50-CONT	28480	1252-6260
Q3	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q4	1853-0007	1	TRANSISTOR PNP 2N3251 SI TO-18 PD=360MW	28480	1853-0007
Q5	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	1000-0001
·	1855-1002	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	28480	1855-1002
Q6 Q7	1855-1002 1855-0420	1	TRANSISTOR J-FET 2N4410A N-CHAN D-MODE	02237	1655-1002
98'	1800-0420	•	TIMMOISTOIL STEEL ZAMOST WEIGHT DEMOSE	02201	
Q8	1855-0675	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0675
Q201	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q301	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q302	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q303	1854-0477	1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02237	2N2222A
Dr.	0608 7060	4	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R5 De	0698-7260	1			0698-7260
R6	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100 RESISTOR 619 +-1% .05W TF TC=0+-100		0698-7200
R8	0698-7231	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	
R9	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100 RESISTOR 1K +-1% .05W TF TC=0+-100		0698-7212
R10	0698-7236	1	10=01-10 Nov. N1-7 Al AOTOMAN	2040U	0030-1200
R11	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R19	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R20	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R21	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R23	0698-7196	1	RESISTOR 21.5 +-1% .05W TF TC=0+-100	28480	0698-7196

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R27	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R28	0698-7214	1	RESISTOR 121 +-1% .05W TF TC=0+-100	28480	0698-7214
R29	0698-7214	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R30	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R31	0698-7277	1	RESISTOR 348 +-1% .05W TF TC=0+-100	28480	0698-7225
1301	0038-1223	_	1625151616346 4-170 .5617 11 16-61 166	20100	0000 1220
R32	0698-7258	1	RESISTOR 8.25K +-1% .05W TF TC=0+-100	28480	0698-7258
R33	0698-7255	1	RESISTOR 6.19K +-1% .05W TF TC=0+-100	28480	0698-7255
R34	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R35	0698-7220	1	RESISTOR 215 +-1% .05W TF TC=0+-100	28480	0698-7220
R36	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R37	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R38	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R39	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R40	0698-7221	1	RESISTOR 237 +-1% .05W TF TC=0+-100	28480	0698-7221
R41	0698-6317	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	28480	0698-6317
R42	0698-6317	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	28480	0698-6317
R43	0698-6362	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	28480	0698-6362
R44	0698-6317	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	28480	0698-6317
R45	0698-7202	1	RESISTOR 38.3 +-1% .05W TF TC=0+-100	28480	0698-7202
R46	0698-7202	1	RESISTOR 38.3 +-1% .05W TF TC=0+-100	28480	0698-7202
R47	0698-7218	1	RESISTOR 178 +-1% .05W TF TC=0+-100	28480	0698-7218
R48	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R49	0698-7250	1	RESISTOR 3.83K +-1% .05W TF TC=0+-100	28480	0698-7250
R51	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R52	0698-6362	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	28480	0698-6362
R53	0698-6347	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25		ŀ
R54	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R55	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R56	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R57	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R58	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R60	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R61	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R62	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R63	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R64	0698-6317	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	28480	0698-6317
R65	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R66	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R67	0698-6631	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	l	0698-6631
R68	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
RUO	0098-0300	1	RESISTOR TOR #-0.170 .125W 11 10=0+-25	20400	0030-0300
R69	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R70	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R71	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R72	0698-7221	1	RESISTOR 237 +-1% .05W TF TC=0+-100	28480	0698-7221
R78	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R101	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R102	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R105	0698-7245	1	RESISTOR 2.37K +-1% .05W TF TC=0+-100	28480	0698-7245
R106	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R107	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R108	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R109	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R110	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R111	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R201	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R202	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R203	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R204	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R205	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243
R206	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
			PROTOMOR AND AND AND AND AND AND AND AND AND AND	00.405	0000 =000
R207	0698-7260		RESISTOR 10K +-1% .05W TF TC=0+-100		0698-7260
R208	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100		0698-7253
R209	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	
R210	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R211	0698-7233	1	RESISTOR 750 +-1% .05W TF TC=0+-100	28480	0698-7233
R212	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R213	0698-7233	1	RESISTOR 750 +-1% .05W TF TC=0+-100	28480	0698-7233
R214	0698-7263	1	RESISTOR 13.3K +-1% .05W TF TC=0+-100	28480	0698-7263
R215	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R301	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
				00400	0000 7010
R302	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R303	0698-7221	1	RESISTOR 237 +-1% .05W TF TC=0+-100		0698-7221
R304	0698-7242	1	RESISTOR 1.78K +-1% .05W TF TC=0+-100		0698-7242
R305	0698-7224	1	RESISTOR 316 +-1% .05W TF TC=0+-100		0698-7224
R306	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R307	0698-7208	1	RESISTOR 68.1 +-1% .05W TF TC=0+-100	28480	0698-7208
R308	0698-7234	1	RESISTOR 825 +-1% .05W TF TC=0+-100	28480	0698-7234
R309	0698-7201	1	RESISTOR 34.8 +-1% .05W TF TC=0+-100	28480	0698-7201
R310	0757-0402	1	RESISTOR 110 +-1% .125W TF TC=0+-100	28480	0757-0402
R311	0698-7219	1	RESISTOR 196 +-1% .05W TF TC=0+-100	28480	0698-7219
R312	0698-7224	1	RESISTOR 316 +-1% .05W TF TC=0+-100	28480	0698-7224
R313	0698-7209	1	RESISTOR 75 +-1% .05W TF TC=0+-100	28480	0698-7209
R314	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R315	0698-7245	1	RESISTOR 2.37K +-1% .05W TF TC=0+-100	28480	0698-7245
R316	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R317	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R318	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R380	0698-3438	1	RESISTOR 147 +-1% .125W TF TC=0+-100	28480	0698-3438
R501	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R502	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R503	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R504	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R505	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
TP1	1251-5596	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5596
U2	1820-6218	1	IC TRANSCEIVER CMOS/HC BUS OCTL	28480	1820-6218
U3	1820-6218	1	IC TRANSCEIVER CMOS/HC BUS OCTL	28480	1820-6218
U6	08590-80244	1	EPROM-PRGM U6		08590-80244
U7	08590-80245	1	EPROM-PRGM U7		08590-80245
U9	1820-5655	1	IC GATE CMOS/AC OR QUAD 2-INP		74AC32PC.
U10	1820-3097	1	IC GATE CMOS/HC AND QUAD 2-INP	ł	1820-3097
	1020.0001	•	20 2002		
U11	1810-0286	1	NET-RES 15 10.0K OHM 16-DIP	28480	1810-0286
U12	1820-6245	1	IC-16-BIT MPU W/COUNTER, PLCC 16MHZ	28480	1820-6245
U13	1820-3173	1	IC FF CMOS/HC J-K NEG-EDGE-TRIG	28480	1820-3173
U16	1820-3183	1	IC GATE CMOS/HC NAND QUAD 2-INP	02237	MM74HC03N
U18	1820-2998	1	IC LCH CMOS/HC TRANSPARENT OCTL	28480	1820-2998

Number		•	Mfr Code	Mfr Part Number
1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
08590-80246	1	EPROM-PRGM U23	28480	08590-80246
08590-80247	1	EPROM-PRGM U24	28480	08590-80247
1251-4787	1	SHUNT-DIP 8 POSITION; DUAL INLINE PKG	01380	435704-8
1820-2689	1	IC GATE TTL/F NAND DUAL 4-INP	02237	74F20PC.
1820-2922	1	IC GATE CMOS/HC NAND QUAD 2-INP	28480	1820-2922
1858-0077	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02237	FPQ2222P
1810-0037	1	NET-RES 8 1.0K OHM 16-DIP	28480	1810-0037
1826-0759	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	28480	1826-0759
1820-3205	1	IC CNTR CMOS/HC BIN UP/DOWN SYNCHRO	28480	1820-3205
1820-3081	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	28480	1820-3081
1810-0206	1	NET-RES 7 10.0K OHM 8-SIP	28480	1810-0206
1820-3664	1	IC GATE CMOS/HCT NAND QUAD 2-INP	28480	1820-3664
1820-5108	1	IC-PROGRAMMABLE INTERVAL TIMER 8MHZ CMOS	28480	1820-5108
1820-3298	1	IC GATE CMOS/HC OR QUAD 2-INP	28480	1820-3298
1820-3298	1	IC GATE CMOS/HC OR QUAD 2-INP	28480	1820-3298
1858-0077	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02237	FPQ2222P
1826-2137	1	IC OP AMP PRCN 8 PIN DIP-P	28480	1826-2137
1826-1178	1	IC OP AMP HS DIP-C	28480	1826-1178
1826-1522	1	A/D 12-DGT 28-CERDIP HYB	28480	1826-1522
1810-0286	1	NET-RES 15 10.0K OHM 16-DIP	28480	1810-0286
1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
1820-3079	1	IC DCDR-DEMUXR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
1810-0286	1	NET-RES 15 10.0K OHM 16-DIP	28480	1810-0286
1820-3297	1	IC DRVR CMOS/HC BUS OCTL	28480	1820-3297
1820-4675	1	IC ENCDR CMOS/HC PRIORITY 8-TO-3-LINE	28480	1820-4675
LTB1820-3832KD	1	IC68230G8 P16PIT	28480	LTB1820-3832KD
1810-0205	1	NET-RES 7 4.7K OHM 8-SIP	28480	1810-0205
1810-0203	1	NET-RES 7 470.0 OHM 8-SIP	28480	1810-0203
1826-1939	1	IC OP AMP WB 8 PIN TO-99	28480	1826-1939
1858-0032	1	TRANSISTOR ARRAY 14-PIN PLSTC DIP	28480	1858-0032
1858-0077	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02237	FPQ2222P
1826-0609	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	28480	1826-0609
1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
	1820-3789 08590-80246 08590-80247 1251-4787 1820-2689 1820-2922 1858-0077 1810-0037 1826-0759 1820-3205 1820-3081 1810-0206 1820-3664 1820-3664 1820-3108 1820-3298 1858-0077 1826-2137 1826-1178 1826-1522 1810-0286 1820-3789 1820-3789 1820-3789 1820-379 1810-0286 1820-3297 1820-4675 LTB1820-3832KD 1810-0205 1810-0203 1826-1939 1858-0032 1858-0077 1826-0609	1820-3789 1 08590-80246 1 08590-80247 1 1251-4787 1 1820-2689 1 1820-2922 1 1858-0077 1 1810-0037 1 1826-0759 1 1820-3205 1 1820-3081 1 1810-0206 1 1820-3664 1 1820-3664 1 1820-3108 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-3298 1 1820-310 1 1826-1178 1 1826-1178 1 1826-1522 1 1810-0286 1 1820-3789 1 1820-3789 1 1820-3789 1 1820-3789 1 1820-3079 1 1810-0286 1 1820-3297 1 1820-4675 1 LTB1820-3832KD 1 1810-0203 1 1826-1939 1 1858-0032 1 1858-0077 1 1858-0077 1 1858-0077 1	1820-3789	1820-3789

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U66	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U68	1820-3297	1	IC DRVR CMOS/HC BUS OCTL	28480	1820-3297
U71	1820-3081	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	28480	1820-3081
U72	1820-3185	1	IC SCHMITT-TRIG CMOS/HC INV HEX	28480	1820-3185
U101	08590-80237	1	PAL-PRGM U101	28480	08590-80237
U102	1820-3174	1	IC SCHMITT-TRIG CMOS/HC NAND QUAD 2-INP	28480	1820-3174
U106	1820-5384	1	IC-INTERFACE CMOS -888-BIT	28480	1820-5384
U107	1810-0280	1	NET-RES 9 10.0K OHM 10-SIP	28480	1810-0280
U108	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U109	1810-0273	1	NET-RES 9 470.0 OHM 10-SIP	28480	1810-0273
U110	1810-0280	1	NET-RES 9 10.0K OHM 10-SIP	28480	1810-0280
U111	1820-3297	1	IC DRVR CMOS/HC BUS OCTL	28480	1820-3297
U113	1820-3183	1	IC GATE CMOS/HC NAND QUAD 2-INP	02237	MM74HC03N
U114	08590-80238	1	PAL-PRGM U114	28480	08590-80238
U115	08590-80239	1	PAL-PRGM U115	28480	08590-80239
U116	1820-3298	1	IC GATE CMOS/HC OR QUAD 2-INP	28480	1820-3298
U117	1813-0952	1	CLK-OSC-XTAL STD 14.7423-MHZ 0.0025%	28480	1813-0952
U118	1820-2691	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG	02237	74F74PC.
U201	1826-0609	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	28480	1826-0609
U202	1826-2137	1	IC OP AMP PRCN 8 PIN DIP-P	28480	1826-2137
U 20 3	1826-0412	1	IC COMPARATOR PRCN DUAL 8 PIN DIP-P	28480	1826-0412
U301	LTB1820-6351KD	1	IC63484-8S ACRTC	28480	LTB1820-6351KD
U302	1820-2656	1	IC GATE TTL/ALS NAND QUAD 2-INP	28480	1820-2656
U303	1820-2102	1	IC LCH TTL/LS TRANSPARENT OCTL	28480	1820-2102
U304	1820-2102	1	IC LCH TTL/LS TRANSPARENT OCTL	28480	1820-2102
U305	1818-4017	1	IC 256K-BIT SRAM 100-NS CMOS	28480	1818-4017
U306	1818-4017	1	IC 256K-BIT SRAM 100-NS CMOS	28480	1818-4017
U307	1813-0870	1	CLK-OSC-XTAL STD 21.0-MHZ 0.05%	28480	1813-0870
U308	08590-80096	1	PAL-PRGM U308	28480	08590-80096
U309	1820-1922	1	IC SHF-RGTR TTL/LS SYNC/ASYNC	28480	1820-1922
U310	1820-1922	1	IC SHF-RGTR TTL/LS SYNC/ASYNC	28480	1820-1922
U311	1820-0535	1	IC-INTERFACE DRVR BIPOLAR AND DUAL	28480	1820-0535
U312	1820-0535	1	IC-INTERFACE DRVR BIPOLAR AND DUAL	28480	1820-0535
U401	1810-0301	1	NET-RES 8 51.0 OHM 16-DIP	28480	1810-0301
U402	1810-0301	1	NET-RES 8 51.0 OHM 16-DIP	28480	1810-0301

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U403	1810-0301	1	NET-RES 8 51.0 OHM 16-DIP	28480	1810-0301
U404	1810-0301	1	NET-RES 8 51.0 OHM 16-DIP	28480	1810-0301
U405	1810-0301	1	NET-RES 8 51.0 OHM 16-DIP	28480	1810-0301
U406	1810-0301	1	NET-RES 8 51.0 OHM 16-DIP	28480	1810-0301
U501	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U502	08590-80180	1	PAL PRGM-U502	28480	08590-80180
U503	08590-80181	1	PAL PRGM-U503	28480	08590-80181
U504	1820-4669	1	IC-PROGRAMMABLE INTERVAL TIMER - 8MHZ	28480	1820-4669
U505	1820-3185	1	IC SCHMITT-TRIG CMOS/HC INV HEX	28480	1820-3185
VR1	1902-0952	1	DIODE-ZNR 5.6V 5% DO-35 PD=.4W TC=+.046%	02037	SZ30035-10RL
VR301	1902-0949	1	DIODE-ZNR 4.3V 5% DO-35 PD=.4W TC=+.017%	02037	SZ30035-7
VR302	1902-0949	1	DIODE-ZNR 4.3V 5% DO-35 PD=.4W TC=+.017%	02037	SZ30035-7
W101	8159-0005	1	RESISTOR 0 CWM	28480	8159-0005
W103	8159-0005	1	RESISTOR 0 CWM	28480	8159-0005
W104	8159-0005	1	RESISTOR 0 CWM	28480	8159-0005
			·		
W106	8159-0005	1	RESISTOR 0 CWM	28480	8159-0005
W107	8159-0005	1	RESISTOR 0 CWM	28480	8159-0005

(50) 11 X17 08590-60365-2 (51) 11 X17 08590-60365-1 1044 (52) 11 X17 (53) 11 X17 (34) 11 X17 (34) 11 X17 (34) 11 X17 (55) 11×17 08590-60399-2 1 of 2 (56) 11×17 2 of 2 (57) 11×17 08590-60399-1

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Component-Level Information Packet for 08590-60396

Memory Card Reader



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HP Part Number 08590-60396 Memory Card Reader

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	Quy	Description	Code	Number
C1	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C2	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
СЗ	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C4	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C5	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C6	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	
C7	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C8	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	
C9	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C10	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C11	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	
C12	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	
C13	0180-4132	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	
J1	1252-1290	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	
J2	1252-2906	1	CONN-POST TYPE 0-CONT	28480	1252-2906
L1	9100-1631	1	INDUCTOR RF-CH-MLD 56uH +-5%	28480	
Q1	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	
R1	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R2	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	
R3	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R4	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	
U1	08590-80105	1	PAL-PRGM U1	28480	
U2	1820-3330	1	IC TRANSCEIVER CMOS/HC BUS OCTL	28480	
U3	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U4	08590-80106	1	PAL-PRGM U4	28480	08590-80106
U5	1820-3297	1	IC DRVR CMOS/HC BUS OCTL	28480	1820-3297
U6	1820-3785	1	IC CNTR CMOS/HC BIN SYNCHRO	28480	1820-3785
U7	1820-3785	1	IC CNTR CMOS/HC BIN SYNCHRO	28480	1820-3785
U8	1820-3785	1	IC CNTR CMOS/HC BIN SYNCHRO	28480	1820-3785
U9	1820-3785	1	IC CNTR CMOS/HC BIN SYNCHRO	28480	1820-3785
U10	1820-3785	1	IC CNTR CMOS/HC BIN SYNCHRO	28480	1820-3785
U11	1820-3785	1	IC CNTR CMOS/HC BIN SYNCHRO	28480	1820-3785
U12	1810-0301	1	NET-RES 8 51.0 OHM 16-DIP	28480	1810-0301
U13	1810-0301	1	NET-RES 8 51.0 OHM 16-DIP	28480	1810-0301
U14	1810-0301	1	NET-RES 8 51.0 OHM 16-DIP	28480	1810-0301

(58) 11×17 08590-60396-2 (59) 11×17 08590-60396-1

Component-Level Information Packet for 08591-60048

10 MHz TCXO



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HP Part Number 08591-60048 10 MHz TCXO

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C2	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
СЗ	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C4	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C5	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C6	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C7	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C8	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C9	0160-4518	1	CAP-FXD 3.9pF +-12.82% 200 V CER C0G	28480	0160-4518
C10	0160-4811	1	CAP-FXD 270pF +-5% 100 V CER C0G	28480	0160-4811
C11	0160-4811	1	CAP-FXD 270pF +-5% 100 V CER C0G	28480	0160-4811
C12	0160-4521	1	CAP-FXD 12pF +-5% 200 V CER C0G	28480	0160-4521
C13	0121-0443	1	CAP-VAR 9pF 3pF 160 V CER	28480	0121-0443
C14	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C15	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
CR1	0122-0161	1	DIODE-VVC 2.15PF 7% C 3/C25-MIN=4.5	28480	0122-0161
CR2	1901-0535	1	DIODE-SCHOTTKY SM SIG	28480	1901-0535
J1	1252-0637	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-0637
J2	1250-0543	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	28480	1250-0543
L1	9140-0266	1	INDUCTOR RF-CH-MLD 1.8uH +-5%	28480	9140-0266
МРЗ	1200-0173	1	INSULATOR-XSTR DAP-GL	02608	7717-86 DAP
MP5	7100-1324	1	CAN-SQ	01932	HU-4532-2.625-ST
Q1	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	28480	1854-0215
Q2	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	28480	1854-0215
Qз	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	28480	1854-0215
R1	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R2	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R3	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R4	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R5	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R6	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R7	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R8	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R9	0698-7250	1	RESISTOR 3.83K +-1% .05W TF TC=0+-100	28480	0698-7250
		1	RESISTOR 383 +-1% .05W TF TC=0+-100	28480	0698-7226

HP Part Number 08591-60048 10 MHz TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R11	0698-7227	1	RESISTOR 422 +-1% .05W TF TC=0+-100	28480	0698-7227
R12	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R13	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R14	0698-7228	1	RESISTOR 464 +-1% .05W TF TC=0+-100	28480	0698-7228
R15	0698-7233	1	RESISTOR 750 +-1% .05W TF TC=0+-100	28480	0698-7233
R16	0698-7197	1	RESISTOR 23.7 +-1% .05W TF TC=0+-100	28480	0698-7197
R17	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R18	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R19	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
Y1	0410-0405	1	PRECISION BULK MODE-AT CRYSTAL QUARTZ	28480	0410-0405

60) 11×17 08591-60048-2 61) 11×17 08591-60048-1

Component-Level Information Packet for 08591-60098

Counterlock



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HP Part Number 08591-60098 Counterlock

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Reference Designator	HP Part	Qty	Description	Mfr Code	Mfr Part Number
Designator	Mulliber			Code	Number
C1	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846
C2	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846
C3	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C4	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846
C5	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C6	0160-4382	1	CAP-FXD 3.3pF +-7.58% 200 V CER C0G	28480	0160-4382
C7	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C8	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C9	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C11	0160-4517	1	CAP-FXD 1.2pF +-20.8% 200 V CER C0G	28480	0160-4517
C12	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C13	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C14	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C15	0160-4825	1	CAP-FXD 560pF +-5% 100 V CER C0G	28480	0160-4825
C16	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C17	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C18	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846
C19	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846
C20	0160-4833	1	CAP-FXD 0.022uF +-10% 100 V CER X7R	28480	0160-4833
C21	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C22	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846
C23	0160-4493	1	CAP-FXD 27pF +-5% 200 V CER C0G	28480	0160-4493
C24	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C25	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C26	0160-4493	1	CAP-FXD 27pF +-5% 200 V CER C0G	28480	0160-4493
C27	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C28	0160-4493	1	CAP-FXD 27pF +-5% 200 V CER C0G	28480	0160-4493
C29	0160-4794	1	CAP-FXD 5.6pF +-8.92% 100 V CER COG	28480	0160-4794
C30	0160-4788	1	CAP-FXD 18pF +-5% 100 V CER C0G	28480	0160-4788
C31	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C32	0160-4802	1	CAP-FXD 82pF +-5% 100 V CER C0G	28480	0160-4802
C33	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C35	0160-4803	1	CAP-FXD 68pF +-5% 100 V CER C0G	28480	0160-4803
C36	0160-4801	1	CAP-FXD 100pF +-5% 100 V CER C0G	28480	
C37	0160-4788	1	CAP-FXD 18pF +-5% 100 V CER C0G	28480	0160-4788
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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C38	0160-4801	1	CAP-FXD 100pF +-5% 100 V CER C0G	28480	0160-4801
C39	0160-4802	1	CAP-FXD 82pF +-5% 100 V CER C0G	28480	0160-4802
C40	0160-4813	1	CAP-FXD 180pF +-5% 100 V CER C0G	28480	0160-4813
C41	0160-4814	1	CAP-FXD 150pF +-5% 100 V CER C0G	28480	0160-4814
C42	0160-4389	1	CAP-FXD 100pF +-5% 200 V CER COG	28480	0160-4389
C43	0160-5349	1	CAP-FXD 200pF +-5% 100 V CER C0G	28480	0160-5349
C44	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER C0G	28480	0160-4386
C45	0160-4547	1	CAP-FXD 150pF +-5% 200 V CER C0G	28480	0160-4547
C46	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C47	0180-3850	1	CAP-FXD 68uF +-10% 10 V TA	28480	0180-3850
C48	0160-4832	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	28480	0160-4832
C49	0160-4406	1	CAP-FXD 3300pF +-5% 100 V CER C0G	28480	0160-4406
C51	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C52	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C53	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C54	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C55	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C56	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C57	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER C0G	28480	0160-4386
C58	0160-4814	1	CAP-FXD 150pF +-5% 100 V CER C0G	28480	0160-4814
C60	0160-4814	1	CAP-FXD 150pF +-5% 100 V CER C0G	28480	0160-4814
C61	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER C0G	28480	0160-4386
C62	0160-3874	1	CAP-FXD 10pF +-5% 200 V CER C0G	28480	0160-3874
C63	0160-4523	1	CAP-FXD 16pF +-5% 200 V CER C0G	28480	0160-4523
C64	0160-4786	1	CAP-FXD 27pF +-5% 100 V CER C0G	28480	0160-4786
C65	0160-3874	1	CAP-FXD 10pF +-5% 200 V CER C0G	28480	0160-3874
C66	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER C0G	28480	0160-4386
C67	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4040
C68	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C100	0160-4812	1	CAP-FXD 220pF +-5% 100 V CER C0G	28480	0160-4812
C101	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C102	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C103	0160-4789	1	CAP-FXD 15pF +-5% 100 V CER C0G	28480	0160-4789
C104	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C105	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C106	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	0160-4574
C107	0121-0061	1	CAP-VAR 18pF 5.5pF 350 V CER	28480	0121-0061
C108	0160-4383	1	CAP-FXD 6.8pF +-7.35% 200 V CER COG	28480	0160-4383
C109	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C110	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C111	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C112	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C113	0160-4802	1	CAP-FXD 82pF +-5% 100 V CER C0G	28480	0160-4802
C114	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C115	0180-3844	1	CAP-FXD 3.3uF +-10% 35 V TA	28480	0180-3844
C116	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C117	0160-4574	1	CAP-FXD 1000 _P F +-10% 100 V CER X7R	28480	0160-4574
C118	0160-4399	1	CAP-FXD 0.66 _P F +-50% 50 V CER C0G	28480	0160-4399
C119	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C120	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C121	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C122	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C123	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C124	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C125	0160-4822	1	CAP-FXD 1000pF +-5% 100 V CER C0G	28480	0160-4822
C126	0160-4793	1	CAP-FXD 6.8pF +-7.35% 100 V CER COG	28480	
C127	0160-5699	1	CAP-FXD 20pF +-5% 100 V CER COG	28480	0160-5699
C128	0160-4574	1	CAP-FXD 1000 _P F +-10% 100 V CER X7R	28480	0160-4574
C129	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C130	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	0160-4574
C101	0160 4555	,	CAD EVD 0 1E . 90% FO V CDD VFD	90400	0160 4555
C131	0160-4557	1	CAP-FXD 0.1uF +-20% 50 V CER X7R		0160-4557
C132	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R		0160-4574
C133	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C134	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C136	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C137	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C138	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER C0G	28480	0160-4040
C139	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C140	0160-3874	1	CAP-FXD 10pF +-5% 200 V CER COG	28480	0160-3874
C141	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C200	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER C0G	28480	0160-4040
C201	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	0160-4574
C202	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C203	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C204	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	0160-4574
C205	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C206	0160-4381	1	CAP-FXD 1.5pF +-16.67% 200 V CER COG	28480	0160-4381
C207	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C208	0160-4799	1	CAP-FXD 2.2pF +-11.36% 100 V CER C0G	28480	0160-4799
C209	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C210	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C211	0160-4790	1	CAP-FXD 12pF +-5% 100 V CER C0G	28480	0160-4790
C212	0160-4822	1	CAP-FXD 1000 _P F +-5% 100 V CER C0G	28480	0160-4822
C213	0160-5699	1	CAP-FXD 20pF +-5% 100 V CER C0G	28480	0160-5699
C214	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C215	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	
C216	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C217	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C218	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C219	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
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C220	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R		0160-5422
C221	0160-4833	1	CAP-FXD 0.022uF +-10% 100 V CER X7R	28480	0160-4833
C222	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	
C223	0160-4554	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	28480	0160-4554
C224	0180-3846	1	CAP-FXD 15uF +-10% 25 V TA	28480	0180-3846
Coor	0160 0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C225	0160-0575		CAP-FXD 1000pF +-5% 100 V CER COG		0160-0575
C226	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER COG		0160-4040
C227	0160-4040	1	CAP-FXD 1000pr +-3% 100 V CER COG CAP-FXD 0.047uF +-20% 50 V CER X7R		0160-0575
C228	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R		0160-0575
C229	0160-0575	1	OAI -1 AD 0.041m. T-20% 30 V CER A/R	20400	0100-0010
C230	0160-4030	1	CAP-FXD 820pF +-5% 100 V CER C0G	28480	0160-4030
C231	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	28480	0180-3848
C232	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C233	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C234	0160-4030	1	CAP-FXD 820pF +-5% 100 V CER C0G	28480	0160-4030
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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Designator	Trumber			Code	rumber
C235	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	28480	0180-3848
C236	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C237	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C238	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C239	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C240	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C241	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C300	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4040
C301	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4040
C302	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4040
C303	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4040
C304	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER C0G	28480	0160-4040
C305	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4040
C306	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4040
C307	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4040
C308	0160-4623	1	CAP-FXD 3900pF +-5% 100 V CER COG	28480	0160-4623
C309	0160-5404	1	CAP-FXD 360pF +-5% 100 V CER C0G	28480	0160-5404
C310	0160-6414	1	CAP-FXD 2400pF +-5% 100 V CER COG	28480	0160-6414
C311	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C312	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C313	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C314	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C316	0160-4800	1	CAP-FXD 120pF +-5% 100 V CER C0G	28480	0160-4800
C317	0160-4825	1	CAP-FXD 560pF +-5% 100 V CER COG	28480	0160-4825
C318	0160-4802	1	CAP-FXD 82pF +-5% 100 V CER C0G	28480	0160-4802
C319	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C320	0160-4040	1	CAP-FXD 1000pF +-5% 100 V CER COG	28480	0160-4040
C321	0160-4812	1	CAP-FXD 220pF +-5% 100 V CER COG	28480	0160-4812
CR1	1901-1098	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	02237	1N4150
CR2	0122-0161	1	DIODE-VVC 2.15PF 7% C 3/C25-MIN=4.5	28480	0122-0161
CR3	1901-1098	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	02237	1N4150
CR4	1901-1098	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	02237	1N4150
CR6	1901-1098	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	02237	1N4150
CR7	1901-1098	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	02237	1N4150
CR100	1901-1098	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	02237	1N4150

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator		Qty	Description	Code	
-0					
CR101	1901-1098	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	02237	1N4150
CR200	1901-0535	1	DIODE-SCHOTTKY SM SIG	28480	1901-0535
CR201	1902-0951	1	DIODE-ZNR 5.1V 5% DO-35 PD=.4W TC=+.035%	02037	SZ30035-9RL
J1	1250-0543	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	28480	1250-0543
J2	1250-0543	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	28480	1250-0543
Ј3	1252-0637	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-0637
J4	1252-0448	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-0448
J5	1250-0543	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	28480	1250-0543
Ј8	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	28480	1250-0257
L1	9100-0539	1	INDUCTOR RF-CH-MLD 10uH +-5%	28480	9100-0539
L2	9100-0539	1	INDUCTOR RF-CH-MLD 10uH +-5%	28480	9100-0539
L3	9100-3560	1	INDUCTOR RF-CH-MLD 5.6uH +-5%	28480	9100-3560
L4	9100-2254	1	INDUCTOR RF-CH-MLD 390nH +-10%	28480	9100-2254
L5	9135-0075	1	INDUCTOR RF-CH-MLD 43nH +-6.047%	05524	
L9	9100-1629	1	INDUCTOR RF-CH-MLD 47uH +-5%	28480	9100-1629
L10	9100-2260	1	INDUCTOR RF-CH-MLD 1.8uH +-10%	28480	9100-2260
L11	9100-1629	1	INDUCTOR RF-CH-MLD 47uH +-5%	28480	9100-1629
L12	9100-1637	1	INDUCTOR RF-CH-MLD 120uH +-5%	28480	9100-1637
L100	9100-2262	1	INDUCTOR RF-CH-MLD 3.9uH +-10%	28480	9100-2262
L101	9140-0142	1	INDUCTOR RF-CH-MLD 2.2uH +-10%	28480	9140-0142
L102	9100-2252	1	INDUCTOR RF-CH-MLD 270nH +-10%	28480	9100-2252
L103	9100-2891	1	INDUCTOR RF-CH-MLD 50nH +-10%	28480	9100-2891
L104	9100-2262	1	INDUCTOR RF-CH-MLD 3.9uH +-10%	28480	9100-2262
L105	9100-2262	1	INDUCTOR RF-CH-MLD 3.9uH +-10%	28480	9100-2262
L106	9100-2262	1	INDUCTOR RF-CH-MLD 3.9uH +-10%	28480	9100-2262
L107	9100-2256	1	INDUCTOR RF-CH-MLD 560nH +-10%	28480	9100-2256
L108	9100-2251	1	INDUCTOR RF-CH-MLD 220nH +-10%	28480	9100-2251
L109	9100-2262	1	INDUCTOR RF-CH-MLD 3.9uH +-10%	28480	9100-2262
L110	9100-2262	1	INDUCTOR RF-CH-MLD 3.9uH +-10%	28480	9100-2262
L111	9100-2262	1	INDUCTOR RF-CH-MLD 3.9uH +-10%	28480	9100-2262
L201	9100-2247	1	INDUCTOR RF-CH-MLD 100nH +-10%	28480	9100-2247
L202	9100-2891	1	INDUCTOR RF-CH-MLD 50nH +-10%	28480	9100-2891
L203	9100-2256	1	INDUCTOR RF-CH-MLD 560nH +-10%	28480	9100-2256
L204	9100-2262	1	INDUCTOR RF-CH-MLD 3.9uH +-10%	28480	9100-2262
L205	9140-0210	1	INDUCTOR RF-CH-MLD 100uH +-5%	28480	9140-0210
				L	

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number		
Designator	Number			Code	Number		
L206	9140-0210	1	INDUCTOR RF-CH-MLD 100uH +-5%	28480	9140-0210		
L300	9100-1651	1	INDUCTOR RF-CH-MLD 750uH +-5%	28480	9100-1651		
L301	9140-0144	1	INDUCTOR RF-CH-MLD 4.7uH +-10%	28480	9140-0144		
L302	9100-2276	1	INDUCTOR RF-CH-MLD 100uH +-10%	28480	9100-2276		
L303	9140-0144	1	INDUCTOR RF-CH-MLD 4.7uH +-10%	28480	9140-0144		
MP4	0515-0368	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP5	0515-0368	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP6	0515-0368	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP7	0515-0368	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP8	0515-0368	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP9	0515-0368	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP10	0515-0368	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP11	0515-0368	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP12	0515-0368	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP13	0515-0368	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP14	0515-0368	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP15	0515-0368	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP16	0515-0367	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP17	0515-0367	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610			
MP18	0515-0894	1	SCREW-MACH M2.5 X 0.45 6MM-LG PAN-HD	05610			
MP19	0515-0894	1	SCREW-MACH M2.5 X 0.45 6MM-LG PAN-HD	05610			
MP20	0515-0894	1	SCREW-MACH M2.5 X 0.45 6MM-LG PAN-HD	05610			
MP21	0515-0894	1	SCREW-MACH M2.5 X 0.45 6MM-LG PAN-HD	05610			
MP22	5022-0070	1	BOT SHLD-CNTRLK	28480	5022-0070		
MP23	5063-0233	1	AY-TOP SHIELD	28480	5063-0233		
Q1	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0555		
Q2	1854-0345	1	TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	28480	1854-0345		
Q3	1854-0591	1	TRANSISTOR NPN SI PD=180MW FT=4GHZ	28480	1854-0591		
Q4	1854-1032	1	TRANSISTOR NPN SI PD=2.5W	28480	1854-1032		
Q5	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036		
Q7	1855-0402	1	TRANSISTOR J-FET 2N5115 P-CHAN D-MODE	02237			
Q200	1854-0345	1	TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	28480	1854-0345		
Q201	1854-0591	1	TRANSISTOR NPN SI PD=180MW FT=4GHZ	28480	1854-0591		
Q202	1854-0345	1	TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	28480	1854-0345		
Q203	1854-0345	1	TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	28480	1854-0345		

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	Qty	Description	Code	Number
Q204	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q205	1855-0414	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02237	
Q206	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q207	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q208	1855-0518	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0518
Q209	1855-0518	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0518
Q210	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
R1	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R2	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R3	0698-7251	1	RESISTOR 4.22K +-1% .05W TF TC=0+-100	28480	0698-7251
R5	0698-7251	1	RESISTOR 4.22K +-1% .05W TF TC=0+-100	28480	0698-7251
R6	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R7	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R8	0698-0082	1	RESISTOR 464 +-1% .125W TF TC=0+-100	28480	0698-0082
R9	0698-7240	1	RESISTOR 1.47K +-1% .05W TF TC=0+-100	28480	0698-7240
R10	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R11	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R12	0757-0280	1	RESISTOR 1K +-1% .125W TF TC=0+-100	28480	0757-0280
R13	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R14	0757-0420	1	RESISTOR 750 +-1% .125W TF TC=0+-100	28480	0757-0420
R15	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100		0698-7248
R16	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100		0698-3444
R17	0757-0419	1	RESISTOR 681 +-1% .25W TF TC=0+-100	28480	0757-0419
R18	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R19	0757-0440	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	28480	0757-0440
R20	0698-7197	1	RESISTOR 23.7 +-1% .05W TF TC=0+-100	28480	
R21	0698-7283	1	RESISTOR 90.9K +-1% .05W TF TC=0+-100	28480	0698-7283
R22	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R23	0698-3443	1	RESISTOR 287 +-1% .125W TF TC=0+-100	28480	
R24	0698-3443	1	RESISTOR 287 +-1% .125W TF TC=0+-100	28480	0698-3443
70.0			DEGREE DE LE LA LA CALLA DE LA	00.405	0400 700
R25	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R26	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R28	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R29	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R30	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212

R34 0698-7188 1 RESISTOR 10 + 1% .05W TF TC=0+100 28480 0698-7260 1 RESISTOR 10K + 1% .05W TF TC=0+100 28480 0698-7260 0698-7261 1 RESISTOR 10K + 1% .05W TF TC=0+100 28480 0698-7260 0698-7251 1 RESISTOR 8.25K + 1% .05W TF TC=0+100 28480 0698-7252 1 RESISTOR 8.25K + 1% .05W TF TC=0+100 28480 0698-7252 1 RESISTOR 8.25K + 1% .05W TF TC=0+100 28480 0698-7253 0698-7252 1 RESISTOR 4.64K + 1% .05W TF TC=0+100 28480 0698-7252 1 RESISTOR 3.16K + 1% .05W TF TC=0+100 28480 0698-7252 1 RESISTOR 10K + 1% .05W TF TC=0+100 28480 0698-7264 1 RESISTOR 10K + 1% .05W TF TC=0+100 28480 0698-7264 1 RESISTOR 1.33K + 1% .05W TF TC=0+100 28480 0698-7264 1 RESISTOR 1.33K + 1% .05W TF TC=0+100 28480 0698-7264 1 RESISTOR 1.14 + 1% .05W TF TC=0+100 28480 0698-7264 1 RESISTOR 1.14 + 1% .05W TF TC=0+100 28480 0698-7264 1 RESISTOR 1.14 + 1% .05W TF TC=0+100 28480 0698-7264 1 RESISTOR 1.14 + 1% .05W TF TC=0+100	Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R34 0698-7188 1 RESISTOR 10 + 1% .05W TF TC=0+100 28480 0698-7260 1 RESISTOR 10K + 1% .05W TF TC=0+100 28480 0698-7268 1 RESISTOR 10K + 1% .05W TF TC=0+100 28480 0698-7268 1 RESISTOR 8.25K + 1% .05W TF TC=0+100 28480 0698-7268 0698-7258 1 RESISTOR 8.25K + 1% .05W TF TC=0+100 28480 0698-7258 0698-7252 1 RESISTOR 8.46K + 1% .05W TF TC=0+100 28480 0698-7258 0698-7252 1 RESISTOR 1.64K + 1% .05W TF TC=0+100 28480 0698-7258 0698-7252 1 RESISTOR 1.0K + 1% .05W TF TC=0+100 28480 0698-7258 0698-7260 1 RESISTOR 10K + 1% .05W TF TC=0+100 28480 0698-7268 1 RESISTOR 1.33K + 1% .05W TF TC=0+100 28480 0698-7269 1 RESISTOR 1.33K + 1% .05W TF TC=0+100 28480 0698-7268 1 RESISTOR 1.1 + 1% .125W TF TC=0+100 28480 0698-7268 1 RESISTOR 21.5K + 1% .05W TF TC=0+100 28480 0698-7268 1 RESISTOR 100 + 1% .05W TF TC=0+100 28480 0698-7268 1 RESISTOR 100 + 1% .05W TF TC=0+100 28480 0698-7261 RESISTOR 5	R31	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R35 0698-7260 1 RESISTOR 10K +1% .05W TF TC=0+100 28480 0698-7268 R37 0698-7258 1 RESISTOR 8.25K +1% .05W TF TC=0+100 28480 0698-7258 R39 0698-7252 1 RESISTOR 8.25K +1% .05W TF TC=0+100 28480 0698-7252 R40 0698-7252 1 RESISTOR 4.64K +1% .05W TF TC=0+100 28480 0698-7252 R41 0698-7248 1 RESISTOR 3.16K +1% .05W TF TC=0+100 28480 0698-7262 R42 0698-7260 1 RESISTOR 1.3K +1% .05W TF TC=0+100 28480 0698-7263 R44 0757-0416 1 RESISTOR 1.3K +1% .05W TF TC=0+100 28480 0698-7264 R44 0757-0416 1 RESISTOR 10K +1% .05W TF TC=0+100 28480 0698-7264 R44 0757-0416 1 RESISTOR 10K +1% .05W TF TC=0+100 28480 0698-7264 R46 0698-7261 1 RESISTOR 10M +1% .05W TF TC=0+100 28480 0698-7264 R51 0698-7251 1 RESISTOR 10M +1% .05W TF TC=0+100 28480 06	1		1		28480	0698-7188
R37 0698-7258 1 RESISTOR 8.25K + 1% .05W TF TC=0+-100 28480 0698-7251 R39 0698-7252 1 RESISTOR 4.64K + 1% .05W TF TC=0+-100 28480 0698-7252 R41 0698-7252 1 RESISTOR 4.64K + 1% .05W TF TC=0+-100 28480 0698-7263 R42 0698-7260 1 RESISTOR 10K + 1% .05W TF TC=0+-100 28480 0698-7264 R44 0757-0416 1 RESISTOR 511 + 1% .125W TF TC=0+-100 28480 0698-7268 R44 0757-0416 1 RESISTOR 10K + 1% .05W TF TC=0+-100 28480 0698-7268 R46 0698-7260 1 RESISTOR 10K + 1% .05W TF TC=0+-100 28480 0698-7268 R47 0698-7261 1 RESISTOR 10W + 1% .05W TF TC=0+-100 28480 0698-7261 R52 0698-7236 1 RESISTOR 10W + 1% .05W TF TC=0+-100 28480 0698-7261 R53 0757-0401 1 RESISTOR 511K + 1% .05W TF TC=0+-100 28480 0698-7261 R54 0698-7253 1 RESISTOR 511K + 1% .05W TF TC=0+-100 2848	R35	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R39	R36	0698-7258	1	RESISTOR 8.25K +-1% .05W TF TC=0+-100	28480	0698-7258
R40 0698-7252 1 RESISTOR 4.64K + 1% .05W TF TC=0+-100 28480 0698-7252 R41 0698-7248 1 RESISTOR 3.16K +-1% .05W TF TC=0+-100 28480 0698-7242 R42 0698-7260 1 RESISTOR 10K +-1% .05W TF TC=0+-100 28480 0698-7262 R43 0698-7239 1 RESISTOR 1.33K +-1% .05W TF TC=0+-100 28480 0698-7262 R44 0757-0416 1 RESISTOR 1.33K +-1% .05W TF TC=0+-100 28480 0698-7262 R45 0698-7260 1 RESISTOR 10K +-1% .05W TF TC=0+-100 28480 0698-7263 R46 0698-7261 1 RESISTOR 21.5K +-1% .05W TF TC=0+-100 28480 0698-7264 R51 0698-7251 1 RESISTOR 1.4 +-1% .05W TF TC=0+-100 28480 0698-7264 R52 0698-7236 1 RESISTOR 1.5 +-1% .05W TF TC=0+-100 28480 0698-7253 R54 0698-7205 1 RESISTOR 5.11 +-1% .05W TF TC=0+-100 28480 0698-7264 R55 0698-7244 1 RESISTOR 2.15K +-1% .05W TF TC=0+-100	R37	0698-7258	1	RESISTOR 8.25K +-1% .05W TF TC=0+-100	28480	0698-7258
R41 0698-7248 1 RESISTOR 3.16K +1% .05W TF TC=0+-100 28480 0698-7241 R42 0698-7260 1 RESISTOR 10K +1% .05W TF TC=0+-100 28480 0698-7261 R43 0698-7239 1 RESISTOR 1.33K +1% .05W TF TC=0+-100 28480 0698-7262 R44 0757-0416 1 RESISTOR 10K +1% .05W TF TC=0+-100 28480 0698-7261 R46 0698-7268 1 RESISTOR 10K +1% .05W TF TC=0+-100 28480 0698-7262 R51 0698-7212 1 RESISTOR 10.5W TF TC=0+-100 28480 0698-7262 R52 0698-7251 1 RESISTOR 10.1W +1% .05W TF TC=0+-100 28480 0698-7263 R53 0757-0401 1 RESISTOR 10.1W +1% .05W TF TC=0+-100 28480 0698-7263 R54 0698-7253 1 RESISTOR 51.1 +1% .05W TF TC=0+-100 28480 0698-7263 R55 0698-7244 1 RESISTOR 5.11K +1% .05W TF TC=0+-100 28480 0698-7264 R57 0698-7244 1 RESISTOR 1.5K +1% .05W TF TC=0+-100 28480	R39	0698-7252	1	RESISTOR 4.64K +-1% .05W TF TC=0+-100	28480	0698-7252
R42 0698-7260 1 RESISTOR 10K +1% .05W TF TC=0+-100 28480 0698-7260 R43 0698-7239 1 RESISTOR 1.33K +1% .05W TF TC=0+-100 28480 0698-7260 R44 0757-0416 1 RESISTOR 511 +1% .125W TF TC=0+-100 28480 0698-7261 R45 0698-7260 1 RESISTOR 10K +1% .05W TF TC=0+-100 28480 0698-7261 R46 0698-7268 1 RESISTOR 10K +1% .05W TF TC=0+-100 28480 0698-7261 R51 0698-7212 1 RESISTOR 10 +1% .05W TF TC=0+-100 28480 0698-7261 R52 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7251 R53 0757-0401 1 RESISTOR 100 +1% .05W TF TC=0+-100 28480 0698-7251 R54 0698-7253 1 RESISTOR 5.11K +1% .05W TF TC=0+-100 28480 0698-7262 R55 0698-7244 1 RESISTOR 2.15K +1% .05W TF TC=0+-100 28480 0698-7262 R57 0698-7244 1 RESISTOR 1.5K +1% .05W TF TC=0+-100 28480	R40	0698-7252	1	RESISTOR 4.64K +-1% .05W TF TC=0+-100	28480	0698-7252
R43 0698-7239 1 RESISTOR 1.33K + 1% .05W TF TC=0+-100 28480 0698-7233 R44 0757-0416 1 RESISTOR 511 + 1% .125W TF TC=0+-100 28480 0757-0416 R45 0698-7260 1 RESISTOR 10K + 1% .05W TF TC=0+-100 28480 0698-7266 R46 0698-7268 1 RESISTOR 21.5K + 1% .05W TF TC=0+-100 28480 0698-7266 R47 0698-7212 1 RESISTOR 100 + 1% .05W TF TC=0+-100 28480 0698-7268 R51 0698-7231 1 RESISTOR 4.22K + 1% .05W TF TC=0+-100 28480 0698-7263 R52 0698-7236 1 RESISTOR 100 + 1% .125W TF TC=0+-100 28480 0698-7231 R53 0757-0401 1 RESISTOR 51.1 + 1% .05W TF TC=0+-100 28480 0698-7233 R54 0698-7235 1 RESISTOR 5.11K + 1% .05W TF TC=0+-100 28480 0698-7244 R55 0698-7244 1 RESISTOR 2.15K + 1% .05W TF TC=0+-100 28480 0698-7244 R57 0698-7260 1 RESISTOR 10K + 1% .05W TF TC=0+-100	R41	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R44 0757-0416 1 RESISTOR 511 +1% .125W TF TC=0+100 28480 0757-0416 R45 0698-7260 1 RESISTOR 10K +1% .05W TF TC=0+100 28480 0698-7266 R46 0698-7268 1 RESISTOR 21.5K +1% .05W TF TC=0+-100 28480 0698-7266 R47 0698-7212 1 RESISTOR 100 +1% .05W TF TC=0+-100 28480 0698-7268 R51 0698-7231 1 RESISTOR 4.22K +1% .05W TF TC=0+-100 28480 0698-7262 R52 0698-7236 1 RESISTOR 100 +1% .125W TF TC=0+-100 28480 0698-7236 R53 0757-0401 1 RESISTOR 51.1 +1% .05W TF TC=0+-100 28480 0698-7236 R54 0698-7235 1 RESISTOR 5.11K +1% .05W TF TC=0+-100 28480 0698-7236 R55 0698-7244 1 RESISTOR 2.15K +1% .05W TF TC=0+-100 28480 0698-7244 R57 0698-7244 1 RESISTOR 10K +1% .05W TF TC=0+-100 28480 0698-7244 R10 0698-7260 1 RESISTOR 5.11K +1% .05W TF TC=0+-100 28480	R42	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R45 0698-7260 1 RESISTOR 10K + 1% .05W TF TC=0+100 28480 0698-7268 R46 0698-7268 1 RESISTOR 21.5K + 1% .05W TF TC=0+100 28480 0698-7268 R47 0698-7212 1 RESISTOR 100 + 1% .05W TF TC=0+-100 28480 0698-7261 R51 0698-7236 1 RESISTOR 4.22K + 1% .05W TF TC=0+-100 28480 0698-7236 R52 0698-7236 1 RESISTOR 1K + 1% .05W TF TC=0+-100 28480 0698-7236 R53 0757-0401 1 RESISTOR 100 + 1% .125W TF TC=0+-100 28480 0698-7236 R54 0698-7205 1 RESISTOR 51.1 + 1% .05W TF TC=0+-100 28480 0698-7236 R55 0698-7253 1 RESISTOR 5.11K + 1% .05W TF TC=0+-100 28480 0698-7236 R56 0698-7244 1 RESISTOR 1.15K + 1% .05W TF TC=0+-100 28480 0698-7244 R100 0698-7260 1 RESISTOR 5.11K + 1% .05W TF TC=0+-100 28480 0698-7243 R101 0698-7243 1 RESISTOR 5.11K + 1% .05W TF TC=0+-100	R43	0698-7239	1	RESISTOR 1.33K +-1% .05W TF TC=0+-100	28480	0698-7239
R46 0698-7268 1 RESISTOR 21.5K + 1% .05W TF TC=0+-100 28480 0698-7261 R47 0698-7212 1 RESISTOR 100 + 1% .05W TF TC=0+-100 28480 0698-7261 R51 0698-7251 1 RESISTOR 4.22K + 1% .05W TF TC=0+-100 28480 0698-7251 R52 0698-7236 1 RESISTOR 1K + 1% .05W TF TC=0+-100 28480 0698-7251 R53 0757-0401 1 RESISTOR 100 + 1% .125W TF TC=0+-100 28480 0757-0401 R54 0698-7205 1 RESISTOR 51.1 + 1% .05W TF TC=0+-100 28480 0698-7202 R55 0698-7253 1 RESISTOR 5.11K + 1% .05W TF TC=0+-100 28480 0698-7202 R56 0698-7244 1 RESISTOR 2.15K + 1% .05W TF TC=0+-100 28480 0698-7242 R100 0698-7244 1 RESISTOR 10K + -1% .05W TF TC=0+-100 28480 0698-7242 R101 0698-7253 1 RESISTOR 5.11K + 1% .05W TF TC=0+-100 28480 0698-7262 R102 0698-7243 1 RESISTOR 5.11K + 1% .05W TF TC=0+-100	R44	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R47 0698-7212 1 RESISTOR 100 +-1% .05W TF TC=0+-100 28480 0698-7251 R51 0698-7251 1 RESISTOR 4.22K +-1% .05W TF TC=0+-100 28480 0698-7251 R52 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7251 R53 0757-0401 1 RESISTOR 100 +-1% .125W TF TC=0+-100 28480 0698-7261 R54 0698-7205 1 RESISTOR 51.1 +-1% .05W TF TC=0+-100 28480 0698-7208 0698-7253 0698-7253 1 R55 0698-7244 1 RESISTOR 2.15K +-1% .05W TF TC=0+-100 28480 0698-7264 0698-7244 0698-7244 1 RESISTOR 2.15K +-1% .05W TF TC=0+-100 28480 0698-7264 0698-7253 0698-7253 1 RESISTOR 10K +-1% .05W TF TC=0+-100 28480 0698-7266 0698-7253 0698-7253 0698-7253 0698-7253 0698-7253 0698-7253 1 RESISTOR 5.11K +-1% .05W TF TC=0+-100 28480 0698-7266 0698-7264 0757-0394 0757	R45	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R51 0698-7251 1 RESISTOR 4.22K +-1% .05W TF TC=0+-100 28480 0698-7251 R52 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7251 R53 0757-0401 1 RESISTOR 100 +-1% .125W TF TC=0+-100 28480 0757-0401 R54 0698-7205 1 RESISTOR 51.1 +-1% .05W TF TC=0+-100 28480 0698-7202 R55 0698-7253 1 RESISTOR 5.11K +-1% .05W TF TC=0+-100 28480 0698-7242 R56 0698-7244 1 RESISTOR 2.15K +-1% .05W TF TC=0+-100 28480 0698-7242 R57 0698-7244 1 RESISTOR 1.15K +-1% .05W TF TC=0+-100 28480 0698-7242 R100 0698-7260 1 RESISTOR 5.11K +-1% .05W TF TC=0+-100 28480 0698-7242 R101 0698-7243 1 RESISTOR 5.11K +-1% .05W TF TC=0+-100 28480 0698-7243 R104 0757-0394 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7242 R105 0698-7282 1 RESISTOR 1.78K +-1% .05W TF TC=0+-100	R46	0698-7268	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	28480	0698-7268
R52	R47	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R53 0757-0401 1 RESISTOR 100 + 1% .125W TF TC=0+-100 28480 0757-0401 R54 0698-7205 1 RESISTOR 51.1 + 1% .05W TF TC=0+-100 28480 0698-7203 R55 0698-7253 1 RESISTOR 5.11K + 1% .05W TF TC=0+-100 28480 0698-7253 R56 0698-7244 1 RESISTOR 2.15K + -1% .05W TF TC=0+-100 28480 0698-7244 R57 0698-7244 1 RESISTOR 2.15K + -1% .05W TF TC=0+-100 28480 0698-7244 R100 0698-7260 1 RESISTOR 10K + -1% .05W TF TC=0+-100 28480 0698-7260 R101 0698-7233 1 RESISTOR 5.11K + -1% .05W TF TC=0+-100 28480 0698-7263 R102 0698-7243 1 RESISTOR 1.96K + -1% .05W TF TC=0+-100 28480 0698-7243 R104 0757-0394 1 RESISTOR 82.5K + -1% .05W TF TC=0+-100 28480 0757-0394 R105 0698-7282 1 RESISTOR 1.78K + -1% .05W TF TC=0+-100 28480 0698-7282 R106 0698-7284 1 RESISTOR 82.5K + -1% .05W TF TC=0+-10	R51	0698-7251	1	RESISTOR 4.22K +-1% .05W TF TC=0+-100	28480	0698-7251
R54 0698-7205 1 RESISTOR 51.1 +-1% .05W TF TC=0+-100 28480 0698-7203 R55 0698-7253 1 RESISTOR 5.11K +-1% .05W TF TC=0+-100 28480 0698-7253 R56 0698-7244 1 RESISTOR 2.15K +-1% .05W TF TC=0+-100 28480 0698-7244 R57 0698-7260 1 RESISTOR 10K +-1% .05W TF TC=0+-100 28480 0698-7244 R100 0698-7253 1 RESISTOR 10K +-1% .05W TF TC=0+-100 28480 0698-7260 R101 0698-7243 1 RESISTOR 5.11K +-1% .05W TF TC=0+-100 28480 0698-7260 R102 0698-7243 1 RESISTOR 1.96K +-1% .05W TF TC=0+-100 28480 0698-7242 R104 0757-0394 1 RESISTOR 51.1 +-1% .125W TF TC=0+-100 28480 0698-7242 R105 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R107 0698-7284 1 RESISTOR 1.78K +-1% .05W TF TC=0+-100 28480 0698-7282 R108 0698-7282 1 RESISTOR 51.1 +-1% .05W TF TC=0+-100	R52	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R55 0698-7253 1 RESISTOR 5.11K +-1% .05W TF TC=0+-100 28480 0698-7252 R56 0698-7244 1 RESISTOR 2.15K +-1% .05W TF TC=0+-100 28480 0698-7242 R57 0698-7244 1 RESISTOR 2.15K +-1% .05W TF TC=0+-100 28480 0698-7242 R100 0698-7260 1 RESISTOR 10K +-1% .05W TF TC=0+-100 28480 0698-7260 R101 0698-7253 1 RESISTOR 5.11K +-1% .05W TF TC=0+-100 28480 0698-7260 R102 0698-7243 1 RESISTOR 1.96K +-1% .05W TF TC=0+-100 28480 0698-7243 R104 0757-0394 1 RESISTOR 51.1 +-1% .125W TF TC=0+-100 28480 0698-7243 R105 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7242 R106 0698-7284 1 RESISTOR 1.78K +-1% .05W TF TC=0+-100 28480 0698-7242 R108 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7236 R109 0698-7236 1 RESISTOR 51.1 +-1% .05W TF TC=0+-100 <td>R53</td> <td>0757-0401</td> <td>1</td> <td>RESISTOR 100 +-1% .125W TF TC=0+-100</td> <td>28480</td> <td>0757-0401</td>	R53	0757-0401	1	RESISTOR 100 +-1% .125W TF TC=0+-100	28480	0757-0401
R56 0698-7244 1 RESISTOR 2.15K +-1% .05W TF TC=0+-100 28480 0698-7244 R57 0698-7244 1 RESISTOR 2.15K +-1% .05W TF TC=0+-100 28480 0698-7244 R100 0698-7260 1 RESISTOR 10K +-1% .05W TF TC=0+-100 28480 0698-7260 R101 0698-7253 1 RESISTOR 5.11K +-1% .05W TF TC=0+-100 28480 0698-7263 R102 0698-7243 1 RESISTOR 1.96K +-1% .05W TF TC=0+-100 28480 0698-7243 R104 0757-0394 1 RESISTOR 51.1 +-1% .125W TF TC=0+-100 28480 0698-7243 R105 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7283 R106 0698-7242 1 RESISTOR 1.78K +-1% .05W TF TC=0+-100 28480 0698-7283 R107 0698-7284 1 RESISTOR 100K +-1% .05W TF TC=0+-100 28480 0698-7284 R108 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7283 R109 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7283 R110 0757-0394 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7283 R111 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7283 R112 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7283 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7283 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7283	R54	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R57 0698-7244 1 RESISTOR 2.15K +-1% .05W TF TC=0+-100 28480 0698-7244	R55	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R100 0698-7260 1 RESISTOR 10K +-1% .05W TF TC=0+-100 28480 0698-7260 R101 0698-7253 1 RESISTOR 5.11K +-1% .05W TF TC=0+-100 28480 0698-7253 R102 0698-7243 1 RESISTOR 1.96K +-1% .05W TF TC=0+-100 28480 0698-7253 R104 0757-0394 1 RESISTOR 51.1 +-1% .125W TF TC=0+-100 28480 0698-7243 R105 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7283 R106 0698-7242 1 RESISTOR 1.78K +-1% .05W TF TC=0+-100 28480 0698-7283 R107 0698-7284 1 RESISTOR 100K +-1% .05W TF TC=0+-100 28480 0698-7284 R108 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7283 R109 0698-7236 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7283 R109 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7236 R110 0757-0394 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7236 R111 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7236 R111 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7236 R111 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R112 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R112 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 R113 0698-7240 R113 0698-7240 R113 0698-7240 R113	R56	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	28480	0698-7244
R101 0698-7253 1 RESISTOR 5.11K +-1% .05W TF TC=0+-100 28480 0698-7253 R102 0698-7243 1 RESISTOR 1.96K +-1% .05W TF TC=0+-100 28480 0698-7243 R104 0757-0394 1 RESISTOR 51.1 +-1% .125W TF TC=0+-100 28480 0757-0394 R105 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R106 0698-7242 1 RESISTOR 1.78K +-1% .05W TF TC=0+-100 28480 0698-7242 R107 0698-7284 1 RESISTOR 100K +-1% .05W TF TC=0+-100 28480 0698-7284 R108 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R109 0698-7236 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R109 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7236 R110 0757-0394 1 RESISTOR 51.1 +-1% .125W TF TC=0+-100 28480 0698-7236 R111 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R112 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R112 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R112 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 1 R114 R147K +-1% .05W TF TC=0+-100 28480 0698-7240 R113 0698-7240 R114 R147K +-1% .05W TF TC=0+-100 28480 0698-7240 R114 R114 R147K +-1% .05W TF TC=0+-100 28480 0698-7240 R114 R147K +-1% .05W TF TC=0+-100 28480 0698-7240 R114 R147K +-1% .05W TF TC=0+-100 2848	R57	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	28480	0698-7244
R102	R100	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R104 0757-0394 1 RESISTOR 51.1 +-1% .125W TF TC=0+-100 28480 0757-0394 R105 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R106 0698-7242 1 RESISTOR 1.78K +-1% .05W TF TC=0+-100 28480 0698-7282 R107 0698-7284 1 RESISTOR 100K +-1% .05W TF TC=0+-100 28480 0698-7284 R108 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R109 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7236 R110 0757-0394 1 RESISTOR 51.1 +-1% .125W TF TC=0+-100 28480 0698-7236 R111 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R112 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7236 R113 0698-7240 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7236	R101	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R105	R102	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243
R106 0698-7242 1 RESISTOR 1.78K +-1% .05W TF TC=0+-100 28480 0698-7242 1 RESISTOR 100K +-1% .05W TF TC=0+-100 28480 0698-7284 R108 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R109 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7236 R110 0757-0394 1 RESISTOR 51.1 +-1% .125W TF TC=0+-100 28480 0698-7236 R111 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R112 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7282 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 06	R104	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394
R107 0698-7284 1 RESISTOR 100K +-1% .05W TF TC=0+-100 28480 0698-7284 R108 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R109 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7236 R110 0757-0394 1 RESISTOR 51.1 +-1% .125W TF TC=0+-100 28480 0757-0394 R111 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R112 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7282 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 0698-7	R105	0698-7282	1	RESISTOR 82.5K +-1% .05W TF TC=0+-100	28480	0698-7282
R108 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7282 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7236 1 RESISTOR 51.1 +-1% .125W TF TC=0+-100 28480 0757-0394 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R112 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 1 RESISTOR 1.47K +-1% .05W TF	R106	0698-7242	1	RESISTOR 1.78K +-1% .05W TF TC=0+-100	28480	0698-7242
R110 0757-0394 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7236 R110 0757-0394 1 RESISTOR 51.1 +-1% .125W TF TC=0+-100 28480 0757-0394 R111 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R112 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240	R107	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R110 0757-0394 1 RESISTOR 51.1 +-1% .125W TF TC=0+-100 28480 0757-0394 R111 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R112 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240	R108	0698-7282	1	RESISTOR 82.5K +-1% .05W TF TC=0+-100	28480	0698-7282
R111 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240 R112 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240	R109	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R112 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282 R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240	R110	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394
R113 0698-7240 1 RESISTOR 1.47K +-1% .05W TF TC=0+-100 28480 0698-7240	R111	0698-7240	1	RESISTOR 1.47K +-1% .05W TF TC=0+-100	28480	0698-7240
	R112	0698-7282	1	RESISTOR 82.5K +-1% .05W TF TC=0+-100	28480	0698-7282
R114 0698-7282 1 RESISTOR 82.5K +-1% .05W TF TC=0+-100 28480 0698-7282	R113	0698-7240	1	RESISTOR 1.47K +-1% .05W TF TC=0+-100	28480	0698-7240
1 1 1 1	R114	0698-7282	1	RESISTOR 82.5K +-1% .05W TF TC=0+-100	28480	0698-7282

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Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Designator	rumber			0000	
R115	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243
R116	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R118	0698-7241	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	28480	0698-7241
R119	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243
R120	0757-0394	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	28480	0757-0394
R121	0698-7248	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	28480	0698-7248
R122	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R123	0698-7241	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	28480	0698-7241
R124	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R125	0698-3429	1	RESISTOR 19.6 +-1% .125W TF TC=0+-100	28480	0698-3429
R126	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243
R127	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R128	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R129	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243
R130	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R131	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R132	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R200	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R201	0757-0421	1	RESISTOR 825 +-1% .125W TF TC=0+-100	28480	0757-0421
R202	0757-0418	1	RESISTOR 619 +-1% .125W TF TC=0+-100	28480	0757-0418
R203	0757-0418	1	RESISTOR 619 +-1% .125W TF TC=0+-100	28480	0757-0418
R204	0698-7228	1	RESISTOR 464 +-1% .05W TF TC=0+-100	28480	0698-7228
R205	0698-7206	1	RESISTOR 56.2 +-1% .05W TF TC=0+-100	28480	0698-7206
R206	0698-7206	1	RESISTOR 56.2 +-1% .05W TF TC=0+-100	28480	0698-7206
R207	0698-7209	1	RESISTOR 75 +-1% .05W TF TC=0+-100	28480	0698-7209
R208	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100		0698-7212
R209	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	
R210	0698-7264	1	RESISTOR 14.7K +-1% .05W TF TC=0+-100		0698-7264
R211	0698-7231	1	RESISTOR 619 +-1% .05W TF TC=0+-100	28480	0698-7231
R212	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R213	0698-7265	1	RESISTOR 16.2K +-1% .05W TF TC=0+-100		0698-7265
R214	0757-0317	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	28480	0757-0317
R215	0757-0428	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	28480	0757-0428
R216	0698-7255	1	RESISTOR 6.19K +-1% .05W TF TC=0+-100	28480	0698-7255
R217	0757-0420	1	RESISTOR 750 +-1% .125W TF TC=0+-100	28480	0757-0420

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	Quy	Description	Code	Number
R218	0757-0317	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	28480	0757-0317
R219	0757-1094	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	28480	0757-1094
R220	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R221	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R223	0757-0421	1	RESISTOR 825 +-1% .125W TF TC=0+-100	28480	0757-0421
R224	0698-7288	1	RESISTOR 147K +-1% .05W TF TC=0+-100	28480	0698-7288
R225	0757-0420	1	RESISTOR 750 +-1% .125W TF TC=0+-100	28480	0757-0420
R226	0698-3155	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	28480	0698-3155
R227	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R228	0698-7268	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	28480	0698-7268
R229	0698-3151	1	RESISTOR 2.87K +-1% .125W TF TC=0+-100	28480	0698-3151
R230	0757-0290	1	RESISTOR 6.19K +-1% .125W TF TC=0+-100	28480	0757-0290
R231	0757-0416	1	RESISTOR 511 +-1% .125W TF TC=0+-100	28480	0757-0416
R232	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R233	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R234	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R235	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R236	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R237	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R238	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R239	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R240	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R241	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R242	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243
R243	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R244	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R245	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R246	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R247	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R248	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R249	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R251	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R252	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R253	0698-8816	1	RESISTOR 2.15 +-1% .125W TF TC=0+-100	28480	0698-8816
R254	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R256	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R257	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R258	0698-6322	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	0698-6322
R259	0698-6353	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	28480	0698-6353
R260	0698-8816	1	RESISTOR 2.15 +-1% .125W TF TC=0+-100	28480	0698-8816
R261	0698-7205	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	28480	0698-7205
R262	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R264	0757-0405	1	RESISTOR 162 +-1% .125W TF TC=0+-100	28480	0757-0405
R265	0757-0405	1	RESISTOR 162 +-1% .125W TF TC=0+-100	28480	0757-0405
R266	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R300	1810-0037	1	NET-RES 8 1.0K OHM 16-DIP	28480	1810-0037
R301	0698-7249	1	RESISTOR 3.48K +-1% .05W TF TC=0+-100	28480	0698-7249
R302	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R303	0698-7251	1	RESISTOR 4.22K +-1% .05W TF TC=0+-100	28480	0698-7251
R304	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R305	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R306	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R308	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R309	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R310	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R311	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R312	0699-1748	1	RESISTOR 287K +-1% .05W TF TC=0+-100	28480	0699-1748
R313	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
T100	9100-4772	1	TRANSFORMER-RF FREQ RANGE;.2 TO 600 MHz	02739	TM04-2
TP3	0360-0535	1	CONNECTOR-SGL CONT TML-TS-PT	13296	330.100-TIN PLATED
U1	1820-2921	1	IC INV CMOS/HC HEX	28480	1820-2921
U2	1820-3847	1	IC DCDR-DEMUXR CMOS/HCT BIN 3-TO-8-LINE	28480	1820-3847
U3	1820-3848	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U4	1820-3848	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U5	08590-80105	1	PAL-PRGM U1	28480	08590-80105
U6	1826-1431	1	IC PWR MGT-V-REF-FXD 4.9975/5.0025V 8	28480	1826-1431
U7	1826-2089	1	IC OP AMP LOW-NOISE DUAL 8 PIN DIP-C	28480	1826-2089
U8	1820-6140	1	IC DIVR ECL DIV-X-N	28480	1820-6140
U9	1826-0639	1	D/A 8-BIT 16-PLASTIC CMOS	28480	1826-0639
U10	1826-0547	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	28480	1826-0547

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U11	1820-3405	1	IC MISC CMOS 4-BIT	28480	1820-3405
U12	1820-2684	1	IC GATE TTL/F NAND QUAD 2-INP	02237	74F00PC.
U13	1820-2772	1	IC FF TTL/ALS J-K NEG-EDGE-TRIG	28480	1820-2772
U14	1820-6408	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	28480	1820-6408
U15	1826-1913	1	IC OSC DBL-BAL 8 PIN DIP-P	28480	1826-1913
U16	1826-0065	1	IC COMPARATOR PRCN 8 PIN DIP-P	28480	1826-0065
U17	1820-3405	1	IC MISC CMOS 4-BIT	28480	1820-3405
U18	1826-0547	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	28480	1826-0547
U19	1820-2656	1	IC GATE TTL/ALS NAND QUAD 2-INP	28480	1820-2656
U20	1810-0301	1	NET-RES 8 51.0 OHM 16-DIP	28480	1810-0301
U21	1810-0301	1	NET-RES 8 51.0 OHM 16-DIP	28480	1810-0301
U22	1810-0301	1	NET-RES 8 51.0 OHM 16-DIP	28480	1810-0301
U23	1820-3191	1	IC MUXR/DATA-SEL CMOS/HC 2-TO-1-LINE	02237	MM74HC257N
U24	1826-0547	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	28480	1826-0547
U100	5086-7806	1	SAMPLER AY	28480	5086-7806
U101	1826-1945	1	IC DIFF AMPL 8 PIN DIP-P	28480	1826-1945
U102	1826-1945	1	IC DIFF AMPL 8 PIN DIP-P	28480	1826-1945
U103	1820-1888	1	IC PRESCR ECL	28480	1820-1888
U104	1820-3397	1	IC MUXR/DATA-SEL TTL/ALS 4-TO-1-LINE	28480	1820-3397
U105	1820-4669	1	IC-PROGRAMMABLE INTERVAL TIMER - 8MHZ	28480	1820-4669
U106	1820-6219	1	IC CNTR CMOS/HCT BIN SYNC/ASYNC	28480	1820-6219
U107	1826-1946	1	IC RF/IF AMPL 8 PIN DIP-P	28480	1826-1946
U108	1820-6215	1	IC-INTERFACE RCVR BIPOLAR LINE DUAL	28480	1820-6215
U109	1826-0285	1	IC PWR MGT-V-REG-FXD-NEG -4.8/-5.2V 3	28480	1826-0285
U110	1820-3537	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG	28480	1820-3537
U200	1820-3456	1	IC DRVR CMOS/HCT BUS OCTL	28480	1820-3456
U201	1820-3848	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U202	1820-3090	1	IC CNTR TTL/F BIN SYNCHRO POS-EDGE-TRIG		74F161APC.

(62) 11×17 08591-60098-2 (63) 11×17 08591-60098-1 1 of 2 (64) 11×17 2 of 2

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Component-Level Information Packet for 08590-60366

Dual I/O



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HP Part Number 08590-60366 Dual I/O

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C3	0180-3749	1	CAP-FXD 0.22uF +-20% 35 V TA	28480	0180-3749
C4	0180-3749	1	CAP-FXD 0.22uF +-20% 35 V TA	28480	0180-3749
C5	0180-3635	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	28480	0180-3635
C6	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C7	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C8	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C9	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C10	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C11	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C12	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C13	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C14	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C15	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C16	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C17	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C18	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	
C19	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C20	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C21	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C22	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	28480	0160-7751
C24	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER C0G	28480	0160-7849
C25	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER COG	28480	0160-7849
C26	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER COG	28480	0160-7849
C27	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER COG	28480	0160-7849
C30	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER COG	28480	0160-7849
C30	0100-1049	1	OM -1 ND 220pt T-0/0 00 V OEM OOG	20-100	010031049
C32	0160-7849	1	CAP-FXD 220oF +-5% 50 V CER COG	28480	0160-7849
C35	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER COG		0160-7849
C44	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER COG	28480	
C45	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER COG	28480	0160-7849
C46	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER COG	28480	0160-7849
- 10		•			
C47	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER C0G	28480	0160-7849
C48	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER C0G	28480	0160-7849
C49	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER C0G	28480	0160-7849
C50	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER COG	28480	0160-7849
C51	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER COG	28480	0160-7849

HP Part Number 08590-60366 Dual I/O (continued)

C52	Mfr Code	
C54 0160-7849 1 CAP-FXD 220pF +5% 50 V CER C0G C55 0160-7849 1 CAP-FXD 220pF +5% 50 V CER C0G C56 0160-7849 1 CAP-FXD 220pF +5% 50 V CER C0G C57 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C58 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C59 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C60 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C64 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C65 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C66 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C67 0160-7751 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C68 0160-7849 1 CAP-FXD 0.01uF +-10% 50 V CER X7R C69 0160-7849 1 CAP-FXD 220pF +5% 50 V CER C0G C69 0160-7849 1 CAP-FXD 220pF +5% 50 V CER C0G C69 0160-7849 1 CAP-FXD 220pF +5% 50 V CER C0G E1 9170-1421 1 CORE-SHIELDING BEAD FL1 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL2 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL5 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL6 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL7 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL7 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1	2848	0 0160-7849
C54 0160-7849 1 CAP-FXD 220pF +5% 50 V CER COG C55 0160-7849 1 CAP-FXD 220pF +5% 50 V CER COG C56 0160-7849 1 CAP-FXD 220pF +5% 50 V CER COG C57 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C58 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C59 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C60 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C64 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C65 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C66 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C67 0160-7751 1 CAP-FXD 0.1uF +10% 50 V CER X7R C68 0160-7849 1 CAP-FXD 0.1uF +10% 50 V CER X7R C69 0160-7849 1 CAP-FXD 220pF +5% 50 V CER COG C69 0160-7849 1 CAP-FXD 220pF +5% 50 V CER COG C69 0160-7849 1 CORE-SHIELDING BEAD FL1 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL2 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL5 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL6 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL7 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FI	2848	0160-7849
C56 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER COG C57 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C58 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C59 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C60 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C64 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C65 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C66 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C67 0160-7751 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C68 0160-7849 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C69 0160-7849 1 CAP-FXD 0.20pF +-5% 50 V CER C0G C69 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER C0G E1 9170-1421 1 CORE-SHIELDING BEAD FL1 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL2 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL5 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL5 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL6 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL7 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; W	2848	0160-7849
C56 0160-7849 1 CAP-FXD 220pF +5% 50 V CER COG C57 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C59 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C60 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C64 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C65 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C66 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C66 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C67 0160-7751 1 CAP-FXD 0.1uF +10% 50 V CER X7R C68 0160-7849 1 CAP-FXD 0.1uF +10% 50 V CER X7R C69 0160-7849 1 CAP-FXD 0.1uF +10% 50 V CER X7R C69 0160-7849 1 CAP-FXD 0.20pF +5% 50 V CER C0G E1 9170-1421 1 CORE-SHIELDING BEAD FL1 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL2 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL5 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL6 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL7 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9	2848	0160-7849
C58	2848	0160-7849
C59 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C60 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C64 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C65 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C66 0160-6222 1 CAP-FXD 0.1uF +10% 50 V CER X7R C67 0160-7751 1 CAP-FXD 0.1uF +10% 50 V CER X7R C68 0160-7849 1 CAP-FXD 0.01uF +-10% 50 V CER X7R C69 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER C0G C69 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER C0G C69 0160-7849 1 FILTER-SUPPRESSION EMI; SMT; WORKING F11 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING F12 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING F13 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING F14 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING F15 1252-1469 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END J1 1252-1469 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END J2 1252-3439 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END J3 1252-6258 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END L1 9140-1100 1 INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-100 R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 R6 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 33.0 OHM X 8	2848	0160-6222
C60 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C64 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C65 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C66 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C67 0160-7751 1 CAP-FXD 0.01uF +-10% 50 V CER X7R C68 0160-7849 1 CAP-FXD 0.20pF +-5% 50 V CER C0G C69 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER C0G E1 9170-1421 1 CORE-SHIELDING BEAD FL1 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL2 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL5 1252-3439 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END J1 1252-1469 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END J2 1252-3439 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END L1 9140-1100 1 INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-100 R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 R6 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R7 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1128 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 33.0 OHM X 8	2848	0160-6222
C64 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C65 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C66 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C67 0160-7751 1 CAP-FXD 0.01uF +-10% 50 V CER X7R C68 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER C0G C69 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER C0G E1 9170-1421 1 CORE-SHIELDING BEAD FL1 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL2 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING J1 1252-1469 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END J2 1252-3439 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END J3 1252-6258 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END L1 9140-1100 1 INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-10 R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 R6 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 33.0 OHM X 8	2848	0160-6222
C65 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C66 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C67 0160-7751 1 CAP-FXD 0.01uF +-10% 50 V CER X7R C68 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER C0G C69 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER C0G E1 9170-1421 1 CORE-SHIELDING BEAD FL1 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL2 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL5 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL6 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL7 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL8 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL9 9135-0461 1 F	2848	0160-6222
C66 0160-6222 1 CAP-FXD 0.1uF +-10% 50 V CER X7R C67 0160-7751 1 CAP-FXD 0.01uF +-10% 50 V CER X7R C68 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER C0G C69 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER C0G E1 9170-1421 1 CORE-SHIELDING BEAD FL1 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL2 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END J2 1252-3439 1 CONNECTOR 6-PIN F CIRCULAR DIN J3 1252-6258 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END L1 9140-1100 1 INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-100 R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 R7 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1128 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 33.0 OHM X 15	2848	0160-6222
C67 0160-7751 1 CAP-FXD 0.01uF +-10% 50 V CER X7R C68 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER C0G C69 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER C0G E1 9170-1421 1 CORE-SHIELDING BEAD FL1 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL2 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 91252-3439 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END J2 1252-3439 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END L1 9140-1100 1 INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-100 NETWORK-RES 16-SMD 33.0 OHM X 8 NETWORK-RES 16-SMD 4.7K OHM X 15	2848	0160-6222
C68	2848	0160-6222
C69 0160-7849 1 CAP-FXD 220pF +-5% 50 V CER COG E1 9170-1421 1 CORE-SHIELDING BEAD FL1 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL2 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING J1 1252-1469 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END J2 1252-3439 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END L1 9140-1100 1 INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-100 R5 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 NETWORK-RES 16-SMD 33.0 OHM X 8 NETWORK-RES 16-SMD 33.0 OHM X 8 NETWORK-RES 16-SMD 33.0 OHM X 8 NETWORK-RES 16-SMD 33.0 OHM X 8 NETWORK-RES 16-SMD 33.0 OHM X 8	2848	0160-7751
E1 9170-1421 1 CORE-SHIELDING BEAD FL1 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL2 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING J1 1252-1469 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END J2 1252-3439 1 CONNECTOR 6-PIN F CIRCULAR DIN J3 1252-6258 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END L1 9140-1100 1 INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-100 R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 NETWORK-RES 16-SMD 33.0 OHM X 8 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 NETWORK-RES 16-SMD 33.0 OHM X 8 NETWORK-RES 16-SMD 33.0 OHM X 8 NETWORK-RES 16-SMD 33.0 OHM X 8	2848	0160-7849
FL1 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL2 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING J1 1252-1469 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END J2 1252-3439 1 CONNECTOR 6-PIN F CIRCULAR DIN J3 1252-6258 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END L1 9140-1100 1 INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-100 R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 R7 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 33.0 OHM X 8	2848	0160-7849
FL2 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING J1 1252-1469 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END J2 1252-3439 1 CONNECTOR 6-PIN F CIRCULAR DIN J3 1252-6258 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END L1 9140-1100 1 INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-100 R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 R7 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1128 1 NETWORK-RES 16-SMD 33.0 OHM X 8	2848	9170-1421
FL3 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING J1 1252-1469 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END J2 1252-3439 1 CONNECTOR 6-PIN F CIRCULAR DIN J3 1252-6258 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END L1 9140-1100 1 INDUCTOR 330mH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-100 R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 R7 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 33.0 OHM X 8	G 0993	NFM61R10T102
FL4 9135-0461 1 FILTER-SUPPRESSION EMI; SMT; WORKING J1 1252-1469 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END J2 1252-3439 1 CONNECTOR 6-PIN F CIRCULAR DIN J3 1252-6258 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END L1 9140-1100 1 INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-10 R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 R7 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 4.7K OHM X 15	G 0993	NFM61R10T102
J1 1252-1469 1 CONN-POST TYPE .100-PIN-SPCG-MTG-END 1252-3439 1 CONNECTOR 6-PIN F CIRCULAR DIN 1252-6258 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END 1 INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-10 R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 R7 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 33.0 OHM X 8	G 0993	NFM61R10T102
J2	G 0993	NFM61R10T102
J3 1252-6258 1 CONN-POST TYPE 2.0-PIN-SPCG-MTG-END L1 9140-1100 1 INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-10 R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 R7 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 33.0 OHM X 15	D 2848	1252-1469
L1 9140-1100 1 INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-10 R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 R7 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 33.0 OHM X 15	0138	749180-1
R2 0699-1384 1 RESISTOR 4.64K +-1% .125W TKF TC=0+-10 R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 R7 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 4.7K OHM X 15	2848	1252-6258
R5 0699-1357 1 RESISTOR 34.8 +-1% .125W TKF TC=0+-100 R7 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 4.7K OHM X 15	1 28486	9140-1100
R7	00 2848	0699-1384
R8 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 4.7K OHM X 15	2848	0699-1357
R9 1810-1066 1 NETWORK-RES 16-SMD 33.0 OHM X 8 R10 1810-1128 1 NETWORK-RES 16-SMD 4.7K OHM X 15	2848	1810-1066
R10 1810-1128 1 NETWORK-RES 16-SMD 4.7K OHM X 15	2848	1810-1066
	2848	1810-1066
NEW COLOR OF THE C	2848	1810-1128
R13 1810-1128 1 NETWORK-RES 16-SMD 4.7K OHM X 15	2848	1810-1128
R14 1810-1128 1 NETWORK-RES 16-SMD 4.7K OHM X 15	2848	1810-1128
R15 0699-1503 1 RESISTOR 0 CWM		0699-1503
R17 0699-1503 1 RESISTOR 0 CWM		0699-1503
RT1 0837-0439 1 THERMISTOR-SWITCHING CHIP; SMT; MIN	J/MAX 0214	SMD150

HP Part Number 08590-60366 **Dual I/O (continued)**

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U1	1821-1618	1	IC-DUAL UARTs; IDE INTERFACE; SUPER I/O	28480	1821-1618
U2	1821-1721	1	IC-HPIB CONTROLLER	28480	1821-1721
UЗ	1820-6814	1	IC-INTERFACE XCVR BIPOLAR INSTRUMENT BUS	28480	1820-6814
U4	1820-6176	1	IC-INTERFACE XCVR BIPOLAR BUS OCTL	28480	1820-6176
U6	1821-0787	1	IC-INTERFACE XCVR CMOS RS-232C	28480	1821-0787
U7	1820-4219	1	IC GATE CMOS/HC NOR TPL 3-INP	28480	1820-4219
U9	1820-5218	1	IC DRVR TTL/F LINE OCTL	28480	1820-5218
U10	1820-5870	1	IC INV TTL/F HEX	02237	74F04SCX.
U11	1820-5130	1	IC DCDR-DEMUXR TTL/F BIN 8-TO-1-LINE	28480	1820-5130
U12	1820-4861	1	IC BFR TTL/F NAND QUAD 2-INP	28480	1820-4861
U13	1820-5807	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-5807
U14	1813-0710	1	CLK-OSC-XTAL STD 24.0-MHZ 0.01%	28480	1813-0710
U15	1820-5040	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG	28480	1820-5040
U16	1820-5040	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG	28480	1820-5040
U17	1820-7796	1	IC DRVR BICMOS/ABT LINE OCTL	28480	1820-7796
U18	1820-4687	1	IC GATE TTL/F NOR QUAD 2-INP	28480	1820-4687

(65) 11×17 08590-60366-2 1 of 2 2 of 2 (1)×17 (67) 11×17 08590-60366-1

Component-Level Information Packet for 5062-7079

Fast ADC



HP Part No. 5958-7174
Printed in USA August 1995

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HP Part Number 5062-7079 Fast ADC

Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C	0100 2021	-	CAP-FXD 10uF +-10% 35 V TA	28480	0100 2021
C1 C2	0180-3831 0160-4084	1	CAP-FXD 10ur +-10% 55 V 1A CAP-FXD 0.1uF +-20% 50 V CER X7R		
l l		1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	
C3	0160-4084	1	' '	28480	
C4	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	
C5	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C6	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C7	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769
C8	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C9	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C10	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
0.1		_		00.400	
C11	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C12	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	
C13	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	
C14	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	
C15	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C16	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C17	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C18	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C19	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C20	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
COL	01.00 4004		CAR EVD OF E 1 2007 TO V CER VER	00.400	01.00 4004
C21	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C22	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C23	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C24	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C25	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C26	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C27	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C28	0160-3879	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	28480	0160-3879
C29	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C30	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
Con	0160 0575	,	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
	0160-0575	1	CAP-FXD 0.0474F +-20% 50 V CER X7R CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-0575
	0160-4084	1	•		0160-4084
	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R		
	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R		0160-0575
C35	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575

HP Part Number 5062-7079 Fast ADC (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Designator	Number			Code	Mumber
C36	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C37	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C38	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C39	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C40	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C41	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C42	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C43	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C44	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C45	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C46	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
C47	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R		0160-4084
C48	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R		0160-0575
C49	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C50	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
			·		
C51	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C52	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C53	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C54	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C56	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C58	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C59	0160-4084	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	28480	0160-4084
C60	0160-0575	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-0575
E1	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	28480	9100-1788
E2	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	28480	9100-1788
E3	9170-1419	1	CORE-SHIELDING BEAD	28480	9170-1419
J1	1251-8912	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END		1251-8912
L1	9100-1629	1	INDUCTOR RF-CH-MLD 47uH +-5%		9100-1629
L2	9100-1629	1	INDUCTOR RF-CH-MLD 47uH +-5%		9100-1629
MP2	0403-0630	1	EXTR-PC BD BRN NYL .062-IN-BD-THKNS		91-2-BROWN-9
МРЗ	0403-0621	1	EXTR-PC BD BLK NYL .062-IN-BD-THKNS	02123	91-2-BLACK-5
MP4	5002-0644	1	SHIELD-ADC		5002-0644
W1 4 Q1	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI		1855-0555
R1	0698-7222	1	RESISTOR 261 +-1% .05W TF TC=0+-100		0698-7222
R2	0698-7234	1	RESISTOR 825 +-1% .05W TF TC=0+-100	28480	

HP Part Number 5062-7079 Fast ADC (continued)

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R3	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R4	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R5	0698-7222	1	RESISTOR 261 +-1% .05W TF TC=0+-100	28480	0698-7222
R6	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R7	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R8	0698-7198	1	RESISTOR 26.1 +-1% .05W TF TC=0+-100	28480	0698-7198
R10	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R11	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445
R12	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R13	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R14	0698-6377	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	28480	0698-6377
R15	0699-0154	1	RESISTOR 7.2K +-0.1% .125W TF TC=0+-25	28480	0699-0154
R16	0698-3445	1	RESISTOR 348 +-1% .125W TF TC=0+-100	28480	0698-3445
R22	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R23	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R26	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R29	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R30	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R31	0698-7225	1	RESISTOR 348 +-1% .05W TF TC=0+-100	28480	0698-7225
TP1	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	01136	928-196-004140
TP5	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	01136	928-196-004140
U1	1826-0558	1	IC PWR MGT-V-REG-ADJ-NEG 1.2/37V TO-39	28480	1826-0558
U2	1826-1431	1	IC PWR MGT-V-REF-FXD 4.9975/5.0025V 8	28480	1826-1431
U3	1826-1135	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1135
U4	1826-1998	1	ANALOG MULTIPLEXER 4 CHNL 18 -DIP-P	28480	1826-1998
U5	1826-2011	1	IC OP AMP WB 8 PIN DIP-P	28480	1826-2011
U6	1826-1731		A/D 8-BIT 24-CERDIP BPLR		1826-1731
U7	1820-3695	1	IC FF TTL/AS D-TYPE POS-EDGE-TRIG COM		1820-3695
U8	1820-3456		IC DRVR CMOS/HCT BUS OCTL		1820-3456
U9	1820-3590	- 1	IC GATE TTL/AS OR QUAD 2-INP		1820-3590
U10	1820-2899	1	IC COMPTR TTL/AS MAGTD 8-BIT	28480	1820-2899
U11	1820-4652		IC FF TTL/AS D-TYPE POS-EDGE-TRIG COM		1820-4652
U12	1820-2899		IC COMPTR TTL/AS MAGTD 8-BIT		1820-2899
U13	1818-4130		IC 64K-BIT SRAM 20-NS CMOS		1818-4130
U14	1818-4130		IC 64K-BIT SRAM 20-NS CMOS		1818-4130

HP Part Number 5062-7079 Fast ADC (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Tite	F101 F016	_	DAL DROWN HAS	00.400	F101 F010
U15	5181-5016	1	PAL-PRGMD U15		5181-5016
U16	1820-3695	1	IC FF TTL/AS D-TYPE POS-EDGE-TRIG COM		1820-3695
U17	1820-3695	1	IC FF TTL/AS D-TYPE POS-EDGE-TRIG COM	28480	
U18	1821-0131	1	IC FF BICMOS/ABT D-TYPE POS-EDGE-TRIG		1821-0131
U19	1820-3695	1	IC FF TTL/AS D-TYPE POS-EDGE-TRIG COM	28480	1820-3695
U20	1820-4125	1	IC CNTR TTL/F BIN UP/DOWN SYNCHRO	28480	1820-4125
U21	1820-4125	1	IC CNTR TTL/F BIN UP/DOWN SYNCHRO	28480	1820-4125
U22	1820-3735	1	IC FF TTL/AS J-K BAR POS-EDGE-TRIG	28480	1820-3735
U23	1820-3591	1	IC GATE TTL/AS NAND QUAD 2-INP	28480	1820-3591
U24	1820-2696	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG COM CLK	28480	1820-2696
U25	1820-3732	1	IC GATE TTL/AS AND TPL 3-INP	28480	•
U26	1810-0960	1	DELAY LINE ACTIVE DEVICE W/DUAL IN-LINE	28480	1810-0960
U27	1820-3747	1	IC MUXR/DATA-SEL TTL/AS 4-TO-1-LINE DUAL	28480	1820-3747
U28	1813-0119	1	CLK-OSC-XTAL STD 40.0-MHZ 0.01%	28480	1813-0119
U29	1820-4535	1	IC LCH TTL/ALS TRANSPARENT 10-BIT	28480	1820-4535
U30	1820-4125	1	IC CNTR TTL/F BIN UP/DOWN SYNCHRO	28480	1820-4125
U31	1820-3493	1	IC FF TTL/AS D-TYPE POS-EDGE-TRIG	28480	
U32	1820-3335	1	IC GATE TTL/ALS NAND QUAD 2-INP		1820-3335
U33	1820-3729	1	IC GATE TTL/AS NOR QUAD 2-INP	28480	1820-3729
U34	1820-2696	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG COM CLK	28480	1820-2696
001	1020-2000	•	io ii iiiji B-iii Bi oo BB da iiwa oo w o Bi	20100	1020 2000
U35	1820-4125	1	IC CNTR TTL/F BIN UP/DOWN SYNCHRO	28480	1820-4125
U36	1820-4125	1	IC CNTR TTL/F BIN UP/DOWN SYNCHRO	28480	1820-4125
U37	1820-3732	1	IC GATE TTL/AS AND TPL 3-INP	28480	1820-3732
U38	1810-0279	1	NETWORK-RES 10-SIP 4.7K OHM X 9	28480	1810-0279
U39	1810-0270	1	NETWORK-RES 10-SIP 680.0 OHM X 9	28480	1810-0270
U40	1826-1135	1	IC OP AMP PRCN 8 PIN DIP-C	28480	1826-1135
VR1	1902-0950	1	DIODE-ZNR 4.7V 5% DO-35 PD=.4W TC=+.025%	İ	1902-0950
VR2	1902-0554	1	DIODE-ZNR 10V 5% PD=1W IR=10UA		1902-0554
VR3	1902-0950	1	DIODE-ZNR 4.7V 5% DO-35 PD=.4W TC=+.025%	28480	1902-0950
W1	8159-0005	1	RESISTOR 0 CWM	28480	8159-0005
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(8) 11 X17 5062-7079-2 (69) 11 X17 5062-7079-1

Component-Level Information Packet for 5062-1982

Demod/TV SYNC



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HP Part Number 5062-1982 Demod/TV SYNC

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number		_	Code	Number
~-	0100 1501		CAR DVD F A E I A ANN TON V CER COC	00400	0100 4704
C1	0160-4794	1	CAP-FXD 5.6pF +-8.92% 100 V CER COG	28480	ì
C2	0160-4807	1	CAP-FXD 33pF +-5% 100 V CER COG	28480	l
C3	0160-4804	1	CAP-FXD 56pF +-5% 100 V CER COG	28480	
C4	0160-4804	1	CAP-FXD 56pF +-5% 100 V CER COG	28480	
C5	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C6	0160-5699	1	CAP-FXD 20pF +-5% 100 V CER C0G	28480	0160-5699
C7	0160-4825	1	CAP-FXD 560pF +-5% 100 V CER COG	28480	
C8	0160-5699	1	CAP-FXD 20pF +-5% 100 V CER COG	28480	
C9	0160-4825	1	CAP-FXD 560pF +-5% 100 V CER COG	28480	
C10	0160-4789	1	CAP-FXD 15pF +-5% 100 V CER COG	28480	
010	0100-4105	•	CAI -I AD TOPI 4-0% TOO V CERT COO	20400	0100-1100
C11	0160-4574	1	CAP-FXD 1000 _P F +-10% 100 V CER X7R	28480	0160-4574
C12	0180-3850	1	CAP-FXD 68uF +-10% 10 V TA	28480	0180-3850
C13	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C14	0160-4788	1	CAP-FXD 18pF +-5% 100 V CER C0G	28480	0160-4788
C15	0160-4802	1	CAP-FXD 82pF +-5% 100 V CER C0G	28480	0160-4802
			<u>-</u>		:
C16	0160-4788	1	CAP-FXD 18pF +-5% 100 V CER C0G	28480	0160-4788
C17	0160-4802	1	CAP-FXD 82pF +-5% 100 V CER C0G	28480	0160-4802
C18	0160-5405	1	CAP-FXD 130pF +-5% 100 V CER COG	28480	0160-5405
C19	0160-5404	1	CAP-FXD 360pF +-5% 100 V CER COG	28480	0160-5404
C20	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C21	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C22	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C23	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C24	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C25	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C26	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C27	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C28	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C29	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C30	0160-4385	1	CAP-FXD 15pF +-5% 200 V CER COG	28480	0160-4385
C31	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	28480	0180-3848
C32	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C33	0180-4214	1	CAP-FXD 220uF +-10% 10 V TA	28480	0180-4214
C35	0160-6588	1	CAP-FXD 0.033uF +-10% 100 V CER X7R	28480	0160-6588
C36	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	Qty	Description	Code	Number
				-	
C37	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	28480	0180-3848
C38	0160-5098	1	CAP-FXD 0.22uF +-10% 50 V CER X7R	28480	0160-5098
C39	0180-3850	1	CAP-FXD 68uF +-10% 10 V TA	28480	0180-3850
C40	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C41	0160-6146	1	CAP-FXD 910 _p F +-5% 100 V CER C0G	28480	0160-6146
C42	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	
C43	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C44	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	
C45	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C46	0160-4811	1	CAP-FXD 270pF +-5% 100 V CER C0G	28480	0160-4811
C47	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R		0160-5422
C48	0160-4810	1	CAP-FXD 330pF +-5% 100 V CER COG	28480	0160-4810
C49	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C50	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	
C51	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
					01.00.10
C52	0160-4371	1	CAP-FXD 680pF +-5% 100 V CER COG	28480	
C53	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER COG	28480	0160-4386
C54	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R		0160-5422
C100	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C101	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
G100	01.00 5.100		CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C103	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C104	0160-5422	1		28480	0160-5422
C105	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R CAP-FXD 68uF +-10% 10 V TA	28480	0180-3422
C109	0180-3850	1	'	28480	0160-3835
C110	0160-4835	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	20400	0100-4000
C111	0160 5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C111 C112	0160-5422 0160-5422	1 1	CAP-FXD 0.047uf +-20% 50 V CER X7R		0160-5422
C112 C113	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R		0160-5422
C113	0160-3422	1	CAP-FXD 1000pF +-10% 100 V CER X7R		0160-4574
C114 C115	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	
0113	0100-4014	*	OII 1 ND 1000pt -1070 100 V ODIC ATT	20100	
CR2	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR3	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR5	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	
CR100	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR101	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
		_			

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR102	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
CR103	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	28480	1901-0050
E1	9170-1380	1	CORE-SHIELDING BEAD	28480	9170-1380
E 2	9170-1380	1	CORE-SHIELDING BEAD	28480	9170-1380
J1	1251-8912	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8912
J 2	1250-0543	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	28480	1250-0543
L1	9100-1640	1	INDUCTOR RF-CH-MLD 160uH +-5%	28480	9100-1640
L2	9100-1640	1	INDUCTOR RF-CH-MLD 160uH +-5%	28480	9100-1640
L3	9140-0237	1	INDUCTOR RF-CH-MLD 200uH +-5%	28480	9140-0237
L4	9100-2547	1	INDUCTOR RF-CH-MLD 5.6UH +-10%	28480	9100-2547
L5	9100-2547	1	INDUCTOR RF-CH-MLD 5.6UH +-10%	28480	9100-2547
L6	9100-2562	1	INDUCTOR RF-CH-MLD 100UH +-10%	28480	9100-2562
L7	9100-2564	1	INDUCTOR RF-CH-MLD 150UH +-10%	28480	9100-2564
MP2	7100-1316	1	CAN-SQ	01932	HU 4280437 + TABS
МРЗ	0403-0621	1	EXTR-PC BD BLK NYL .062-IN-BD-THKNS	02123	91-2-BLACK-5
MP4	7100-1317	1	CAN-SQ	01932	HU 4532437 + TABS
MP6	0403-0627	1	EXTR-PC BD RED NYL .062-IN-BD-THKNS	02123	91-2-RED-1
РЗ	1252-1882	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-1882
P4	1252-2195	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2195
P5	1251-5285	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5285
Q1	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	28480	1854-0215
Q3	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	28480	1855-0420
Q4	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q100	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0555
R1	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R2	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R3	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R4	0698-7241	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	28480	0698-7241
R6	0698-7241	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	28480	0698-7241
R7	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R8	0698-7204	1	RESISTOR 46.4 +-1% .05W TF TC=0+-100	28480	0698-7204
R9	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R10	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R11	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R12	0698-8820	1	RESISTOR 4.64 +-1% .125W TF TC=0+-100	28480	0698-8820

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R13	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R14	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R15	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R16	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R17	0699-2124	1	RESISTOR 619 +-0.1% .125W TF TC=0+-25	28480	0699-2124
R18	0699-0692	1	RESISTOR 1.4K +-0.1% .125W TF TC=0+-25	28480	0699-0692
R19	0698-6963	1	RESISTOR 5.55K +-0.1% .125W TF TC=0+-25	28480	0698-6963
R20	0698-6533	1	RESISTOR 12.5K +-0.1% .125W TF TC=0+-25	28480	0698-6533
R21	0698-6631	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	28480	0698-6631
R22	0698-6631	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	28480	0698-6631
R25	0698-7270	1	RESISTOR 26.1K +-1% .05W TF TC=0+-100	28480	0698-7270
R27	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R28	0698-7270	1	RESISTOR 26.1K +-1% .05W TF TC=0+-100	28480	0698-7270
R29	0698-6631	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	28480	0698-6631
R30	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R31	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R32	0699-0073	1	RESISTOR 10M +-1% .125W TF TC=0+-100	28480	0699-0073
R33	0699-0073	1	RESISTOR 10M +-1% .125W TF TC=0+-100	28480	0699-0073
R34	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R35	0698-7270	1	RESISTOR 26.1K +-1% .05W TF TC=0+-100	28480	0698-7270
R36	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R37	0698-8816	1	RESISTOR 2.15 +-1% .125W TF TC=0+-100	28480	0698-8816
R38	0698-7286	1	RESISTOR 121K +-1% .05W TF TC=0+-100	28480	0698-7286
R39	0698-7288	1	RESISTOR 147K +-1% .05W TF TC=0+-100	28480	0698-7288
R40	0698-8826	1	RESISTOR 825K +-1% .125W TF TC=0+-100	28480	0698-8826
D 41	0699-2124	1	RESISTOR 619 +-0.1% .125W TF TC=0+-25	28480	0699-2124
R41 R42	0699-2124	1	RESISTOR 3.6K +-0.1% .125W TF TC=0+-25		0699-0400
R42 R43	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	
R43	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	l	0698-7260
R45	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
D 46	0608 7960	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R46 R47	0698-7260 0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	
	0698-7200	1	RESISTOR 10K 7-1% .05W TF TC=0+-100	28480	
R48 R49	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	
R50	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
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R51 0 R52 0 R53 0 R54 0	Number 0698-7236 0698-7236 0698-7236 0698-7236	1 1 1	RESISTOR 1K +-1% .05W TF TC=0+-100 RESISTOR 1K +-1% .05W TF TC=0+-100	Code 28480	Number 0698-7236
R52 0 R53 0 R54 0	0698-7236 0698-7253 0698-7236	1 1		28480	0698-7236
R53 0 R54 0	0698-7253 0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100		VVVV-1200
R54 0	0698-7236			28480	0698-7236
1			RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
DEE O	0698-3458	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
i noo i u		1	RESISTOR 348K +-1% .125W TF TC=0+-100	28480	0698-3458
R200 0	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	28480	0698-7244
R203 0	0698-8825	1	RESISTOR 681K +-1% .125W TF TC=0+-100	28480	0698-8825
R204 0	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	28480	0698-7244
R205 0	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	28480	0698-7244
R206 0	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	28480	0698-7244
					:
R207 0	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
U1 1	1826-0547	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	28480	1826-0547
U2 1	826-1913	1	IC OSC DBL-BAL 8 PIN DIP-P	28480	1826-1913
U3 1	826-0159	1	IC RF/IF AMPL IF 8 PIN DIP-P	28480	1826-0159
U4 1	820-6408	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	28480	1820-6408
	İ	i			
U5 1	826-1431	1	IC PWR MGT-V-REF-FXD 4.9975/5.0025V 8	28480	1826-1431
U6 1	826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U7 1	826-1943	1	IC OP AMP HS QUAD 14 PIN DIP-C	28480	1826-1943
U8 1	826-1943	1	IC OP AMP HS QUAD 14 PIN DIP-C	28480	1826-1943
U9 1	.820-1934	1	D/A 8-BIT 16-CERDIP BPLR	28480	1820-1934
U10 1	.826-0682	1	IC AUDIO AMPL PWR 8 PIN DIP-P	28480	1826-0682
U11 1	.826-2026	1	ANALOG SWITCH SPST 8 -DIP-P	28480	1826-2026
U12 1	.826-0159	1	IC RF/IF AMPL IF 8 PIN DIP-P	28480	1826-0159
U100 1	820-4152	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-4152
U101 08	3590-80105	1	PAL-PRGM U1	28480	08590-80105
U102 1	.820-3298	1	IC GATE CMOS/HC OR QUAD 2-INP	28480	1820-3298
U103 1	.820-4152	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-4152
U105 1	.820-4152	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-4152
U106 1	.820-4152	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-4152
U107 1	.820-4152	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-4152
			·		
U108 1	820-3205	1	IC CNTR CMOS/HC BIN UP/DOWN SYNCHRO	28480	1820-3205
U109 1	.820-3205	1	IC CNTR CMOS/HC BIN UP/DOWN SYNCHRO	28480	1820-3205
	820-3205	1	IC CNTR CMOS/HC BIN UP/DOWN SYNCHRO	28480	1820-3205
	820-3672	1	IC MUXR/DATA-SEL CMOS/HC 4-TO-1-LINE		1820-3672
	820-3185	1	IC SCHMITT-TRIG CMOS/HC INV HEX	28480	1820-3185
		_			

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U113	1826-1942	1	IC MISC 8 PIN DIP-P	28480	1826-1942
U114	1820-3173	1	IC FF CMOS/HC J-K NEG-EDGE-TRIG	28480	1820-3173
U115	1820-3183	1	IC GATE CMOS/HC NAND QUAD 2-INP	28480	1820-3183
U116	1826-0609	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	28480	1826-0609
VR1	1902-0048	1	DIODE-ZNR 6.81V 5% DO-35 PD=.4W	28480	1902-0048
VR2	1902-0579	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	28480	1902-0579
Y1	0410-2134	1	CRYSTAL-QUARTZ 18.432	28480	0410-2134

70 11×17 5062-1982-2 70 11×17 5062-1982-1 71 11×17 1942 72 11×17 2947

Component-Level Information Packet for 5062-1983

Demod/QPD



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HP Part Number 5062-1983 Demod/QPD

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	-6-3	2 333	Code	Number
				22.02	0.4.00 4 .5 0.4
C1	0160-4794	1	CAP-FXD 5.6pF +-8.92% 100 V CER COG	28480	
C2	0160-4807	1	CAP-FXD 33pF +-5% 100 V CER COG	28480	
C3	0160-4804	1	CAP-FXD 56pF +-5% 100 V CER COG	28480	
C4	0160-4804	1	CAP-FXD 56pF +-5% 100 V CER COG	28480	
C5	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C6	0160-5699	1	CAP-FXD 20pF +-5% 100 V CER C0G	28480	0160-5699
C7	0160-4825	1	CAP-FXD 560pF +-5% 100 V CER COG	28480	i l
C8	0160-5699	1	CAP-FXD 20pF +-5% 100 V CER COG	28480	i
C9	0160-4825	1	CAP-FXD 560pF +-5% 100 V CER COG	28480	
C10	0160-4789	1	CAP-FXD 15pF +-5% 100 V CER COG	28480	
010	0100-4789	1	OAI -1 AD 13pr +-3% 100 v CER COG	20400	0100-4103
C11	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	0160-4574
C12	0180-3850	1	CAP-FXD 68uF +-10% 10 V TA	28480	0180-3850
C13	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C14	0160-4788	1	CAP-FXD 18pF +-5% 100 V CER C0G	28480	0160-4788
C15	0160-4802	1	CAP-FXD 82pF +-5% 100 V CER C0G	28480	0160-4802
C16	0160-4788	1	CAP-FXD 18pF +-5% 100 V CER C0G	28480	0160-4788
C17	0160-4802	1	CAP-FXD 82pF +-5% 100 V CER C0G	28480	0160-4802
C18	0160-5405	1	CAP-FXD 130pF +-5% 100 V CER C0G	28480	0160-5405
C19	0160-5404	1	CAP-FXD 360pF +-5% 100 V CER COG	28480	0160-5404
C20	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C21	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C22	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C23	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C24	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C25	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C26	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C27	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C28	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	
C29	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	
C30	0160-4385	1	CAP-FXD 15pF +-5% 200 V CER C0G	28480	0160-4385
G0-	0100 00 15		CAR EVD 99-E 1 10W 10 M TO	90 400	0100 0040
C31	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	28480	
C32	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	
C33	0180-4214	1	CAP-FXD 220uF +-10% 10 V TA	28480	
C35	0160-6588	1	CAP-FXD 0.033uF +-10% 100 V CER X7R	28480	
C36	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
				<u> </u>	

HP Part Number 5062-1983 Demod/QPD (continued)

Reference	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number	
Designator	Number			Code	Number	
C37	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	28480	0180-3848	
C38	0160-5098	1	CAP-FXD 0.22uF +-10% 50 V CER X7R	28480	0160-5098	
C39	0180-3850	1	CAP-FXD 68uF +-10% 10 V TA	28480	0180-3850	
C40	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C41	0160-6146	1	CAP-FXD 910 _P F +-5% 100 V CER C0G	28480	0160-6146	
C42	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C43	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C44	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C45	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C46	0160-4811	1	CAP-FXD 270pF +-5% 100 V CER C0G	28480	0160-4811	
C47	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C48	0160-4810	1	CAP-FXD 330pF +-5% 100 V CER C0G	28480	0160-4810	
C49	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C50	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C51	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C53	0160-4807	1	CAP-FXD 33pF +-5% 100 V CER C0G	28480	0160-4807	
C54	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C55	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C56	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C100	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C101	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C104	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C105	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C106	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C107	0160-4805	1	CAP-FXD 47pF +-5% 100 V CER C0G	28480	0160-4805	
C108	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C109	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C110	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422	
C111	0180-4132	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-4132	
C116	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769	
C117	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769	
C118	0180-3769	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-3769	
CR2	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2	
CR3	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2	
CR5	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2	

HP Part Number 5062-1983 Demod/QPD (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
J					
CR101	1901-1098	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	02237	1N4150
CR102	1901-0376	1	DIODE-GEN PRP 35V 50MA DO-35	28480	1901-0376
J1	1251-8912	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8912
L1	9100-1640	1	INDUCTOR RF-CH-MLD 160uH +-5%	28480	9100-1640
L2	9100-1640	1	INDUCTOR RF-CH-MLD 160uH +-5%	28480	9100-1640
L3	9140-0237	1	INDUCTOR RF-CH-MLD 200uH +-5%	28480	9140-0237
L4	9100-2547	1	INDUCTOR RF-CH-MLD 5.6uH +-10%	28480	9100-2547
L5	9100-2547	1	INDUCTOR RF-CH-MLD 5.6uH +-10%	28480	9100-2547
L6	9100-2562	1	INDUCTOR RF-CH-MLD 100uH +-10%	28480	9100-2562
L7	9100-2564	1	INDUCTOR RF-CH-MLD 150uH +-10%	28480	9100-2564
L100	85650-80004	1	INDUCTOR 8.25 UH	28480	85650-80004
L101	9100-2574	1	INDUCTOR RF-CH-MLD 1.2mH +-10%	28480	9100-2574
MP2	7100-1316	1	CAN-SQ	01932	HU 4280437 + TABS
МР3	0403-0621	1	EXTR-PC BD BLK NYL .062-IN-BD-THKNS	02123	91-2-BLACK-5
MP4	7100-1317	1	CAN-SQ	01932	HU 4532437 + TABS
MP6	0403-0628	1	EXTR-PC BD ORN NYL .062-IN-BD-THKNS	02123	91-2-ORANGE-6
Р3	1252-1882	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-1882
P4	1252-2195	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2195
P5	1251-5285	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5285
Q1	1854-0215	1	TRANSISTOR NPN SI TO-92 PD=625MW	02237	2N3904
Q3	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q4	1853-0036	1	TRANSISTOR PNP SI TO-92 PD=625MW	28480	1853-0036
Q100	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0555
Q101	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0555
R1	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R2	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R3	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100		0698-7236
R4	0698-7241	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	28480	0698-7241
R6	0698-7241	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	28480	0698-7241
R7	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R8	0698-7204	1	RESISTOR 46.4 +-1% .05W TF TC=0+-100	28480	0698-7204
R9	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R10	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R11	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R12	0698-8820	1	RESISTOR 4.64 +-1% .125W TF TC=0+-100	28480	0698-8820

HP Part Number 5062-1983 Demod/QPD (continued)

R14	Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R15 0698-3444 1 RESISTOR 316 + 1% .125W TF TC=0+100 28480 0698-3444 1 RESISTOR 316 + 1% .125W TF TC=0+100 28480 0698-3444 1 RESISTOR 316 + 1% .125W TF TC=0+-100 28480 0698-3 0698-3444 1 RESISTOR 619 + -0.1% .125W TF TC=0+-25 28480 0699-2 28480	R13	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R16 0698-3444 1 RESISTOR 316 + 1% .125W TF TC=0+100 28480 0699-2124 R17 0699-2124 1 RESISTOR 619 + 0.1% .125W TF TC=0+-25 28480 0699-2 R18 0699-0692 1 RESISTOR 1.4K + 0.1% .125W TF TC=0+-25 28480 0699-2 R19 0698-6963 1 RESISTOR 5.55K + 0.1% .125W TF TC=0+-25 28480 0698-6 R20 0698-6931 1 RESISTOR 2.5K + 0.1% .125W TF TC=0+-25 28480 0698-6 R21 0698-6631 1 RESISTOR 2.5K + 0.1% .125W TF TC=0+-25 28480 0698-6 R22 0698-6631 1 RESISTOR 26.1K + 1% .05W TF TC=0+-25 28480 0698-6 R25 0698-7270 1 RESISTOR 12.5K + 0.1% .125W TF TC=0+-25 28480 0698-6 R27 0698-6301 1 RESISTOR 26.1K + 1% .05W TF TC=0+-100 28480 0698-7 R29 0698-631 1 RESISTOR 26.1K + 1% .05W TF TC=0+-100 28480 0698-7 R30 0698-7229 1 RESISTOR 2.5K + 0.1% .125W TF TC=0+-100 28480 0698-7 R31 0698-7227 1 RESISTOR 2.5K + 0.1% .125W TF TC=0+-100 28480 0698-7 R31 0698-7227 1 RESISTOR 2.5K + 0.1% .125W TF TC=0+-100 28480 0698-7	R14	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R17 0699-2124 1 RESISTOR 619 +-0.1% .125W TF TC=0+-25 28480 0699-2 R18 0699-0692 1 RESISTOR 1.4K +-0.1% .125W TF TC=0+-25 28480 0699-2 R19 0698-693 1 RESISTOR 5.55K +-0.1% .125W TF TC=0+-25 28480 0699-2 R20 0698-6631 1 RESISTOR 2.5K +-0.1% .125W TF TC=0+-25 28480 0698-6 R22 0698-6631 1 RESISTOR 2.5K +-0.1% .125W TF TC=0+-25 28480 0698-6 R25 0698-7270 1 RESISTOR 26.1K +-1% .05W TF TC=0+-100 28480 0698-6 R22 0698-6301 1 RESISTOR 26.1K +-1% .05W TF TC=0+-100 28480 0698-7 R23 0698-7270 1 RESISTOR 26.1K +-1% .05W TF TC=0+-100 28480 0698-7 R30 0698-7229 1 RESISTOR 25.5K +-0.1% .125W TF TC=0+-100 28480 0698-7 R31 0698-7229 1 RESISTOR 28.7K +-1% .05W TF TC=0+-100 28480 0698-7 R31 0698-7247 1 RESISTOR 10M +-1% .125W TF TC=0+-100 28480	R15	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R18	R16	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R19 0698-6963 1 RESISTOR 5.55K +-0.1% .125W TF TC=0+-25 28480 0698-6 R20 0698-6533 1 RESISTOR 12.5K +-0.1% .125W TF TC=0+-25 28480 0698-6 R21 0698-6631 1 RESISTOR 2.5K +-0.1% .125W TF TC=0+-25 28480 0698-6 R22 0698-6631 1 RESISTOR 2.5K +-0.1% .125W TF TC=0+-25 28480 0698-6 R25 0698-7270 1 RESISTOR 26.1K +-1% .05W TF TC=0+-100 28480 0698-7 R27 0698-6301 1 RESISTOR 26.1K +-1% .05W TF TC=0+-100 28480 0698-7 R29 0698-6311 1 RESISTOR 26.1K +-1% .05W TF TC=0+-100 28480 0698-7 R29 0698-6311 1 RESISTOR 2.5K +-0.1% .125W TF TC=0+-100 28480 0698-7 R30 0698-7229 1 RESISTOR 2.5K +-0.1% .125W TF TC=0+-100 28480 0698-7 R31 0698-7229 1 RESISTOR 2.5K +-1% .05W TF TC=0+-100 28480 0698-7 R31 0698-7224 1 RESISTOR 2.5K +-1% .05W TF TC=0+-100 28480 0698-7 R33 0698-8224 1 RESISTOR 10K +-1% .05W TF TC=0+-100 28480 0698-7 </td <td>R17</td> <td>0699-2124</td> <td>1</td> <td>RESISTOR 619 +-0.1% .125W TF TC=0+-25</td> <td>28480</td> <td>0699-2124</td>	R17	0699-2124	1	RESISTOR 619 +-0.1% .125W TF TC=0+-25	28480	0699-2124
R19 0698-6963 1 RESISTOR 5.55K +-0.1% .125W TF TC=0+-25 28480 0698-6 R20 0698-6533 1 RESISTOR 12.5K +-0.1% .125W TF TC=0+-25 28480 0698-6 R21 0698-6631 1 RESISTOR 2.5K +-0.1% .125W TF TC=0+-25 28480 0698-6 R22 0698-6631 1 RESISTOR 2.5K +-0.1% .125W TF TC=0+-25 28480 0698-6 R25 0698-7270 1 RESISTOR 10K +-0.1% .125W TF TC=0+-100 28480 0698-7 R27 0698-6360 1 RESISTOR 26.1K +-1% .05W TF TC=0+-100 28480 0698-7 R29 0698-631 1 RESISTOR 26.1K +-1% .05W TF TC=0+-100 28480 0698-7 R29 0698-631 1 RESISTOR 2.5K +-0.1% .125W TF TC=0+-100 28480 0698-7 R30 0698-7229 1 RESISTOR 2.5K +-0.1% .125W TF TC=0+-100 28480 0698-7 R31 0698-7247 1 RESISTOR 2.87K +-1% .05W TF TC=0+-100 28480 0698-7 R31 0698-7247 1 RESISTOR 1.0K +-1% .05W TF TC=0+-100 28480 0698-7 R33 0698-8272 1 RESISTOR 10K +-1% .05W TF TC=0+-100 28480 0698-7 </td <td>D16</td> <td>0600.0602</td> <td>1</td> <td>RESISTOR 1.4K ±-0.1% 125W TF TC=0±-25</td> <td>28480</td> <td>0699-0692</td>	D16	0600.0602	1	RESISTOR 1.4K ±-0.1% 125W TF TC=0±-25	28480	0699-0692
R20 0698-6533 1 RESISTOR 12.5K +0.1% .125W TF TC=0+-25 28480 0698-6 28480 0698-6 R21 0698-6631 1 RESISTOR 2.5K +0.1% .125W TF TC=0+-25 28480 0698-6 28480 0698-6 R22 0698-6631 1 RESISTOR 2.5K +0.1% .125W TF TC=0+-25 28480 0698-6 28480 0698-7 R27 0698-6360 1 RESISTOR 10K +-0.1% .125W TF TC=0+-25 28480 0698-7 28480 0698-7 R29 0698-6631 1 RESISTOR 2.5K +0.1% .125W TF TC=0+-100 28480 0698-7 28480 0698-7 R30 0698-7229 1 RESISTOR 2.5K +0.1% .125W TF TC=0+-100 28480 0698-7 28480 0698-7 R31 0698-7229 1 RESISTOR 2.87K +-1% .05W TF TC=0+-100 28480 0698-7 28480 0698-7 R32 0699-0073 1 RESISTOR 10M +1% .125W TF TC=0+-100 28480 0698-7 28480 0698-7 R33 0698-824 1 RESISTOR 100K +1% .05W TF TC=0+-100 28480 0698-7 28480 0698-7 R34 0698-7260 1 RESISTOR 10K +1% .05W TF TC=0+-100 28480 0698-7 28480 0698-7 R36 0698-7260 1 RESISTOR 121K +1% .05W TF TC=0+-100 28480 0698-7 28480 0698-7 R39 <td></td> <td></td> <td></td> <td>•</td> <td>i</td> <td></td>				•	i	
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R28 0698-7270 1 RESISTOR 26.1K +-1% .05W TF TC=0+-100 28480 0698-729 R29 0698-6631 1 RESISTOR 2.5K +-0.1% .125W TF TC=0+-25 28480 0698-698-698-698-698-7299 R30 0698-7229 1 RESISTOR 511 +-1% .05W TF TC=0+-100 28480 0698-7284 R31 0698-72247 1 RESISTOR 2.87K +-1% .05W TF TC=0+-100 28480 0698-7284 R32 0699-0073 1 RESISTOR 10M +-1% .125W TF TC=0+-100 28480 0698-7280 R33 0698-8827 1 RESISTOR 10M +-1% .125W TF TC=0+-100 28480 0698-7280 R34 0698-7284 1 RESISTOR 10K +-1% .05W TF TC=0+-100 28480 0698-7280 R35 0698-7280 1 RESISTOR 2.15 +-1% .125W TF TC=0+-100 28480 0698-7280 R37 0698-8816 1 RESISTOR 121K +-1% .05W TF TC=0+-100 28480 0698-7280 R39 0698-7286 1 RESISTOR 825K +-1% .125W TF TC=0+-100 28480 0698-7280 R40 0699-2124 1 RESISTOR 619 +-0.1% .125W TF TC=0+-100 28480 0698-7280 R45 0698-7260	R25	0698-7270	1	RESISTOR 26.1K +1% .05W TF TC=0+-100	28480	0698-7270
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R30	R28	0698-7270	1	RESISTOR 26.1K +-1% .05W TF TC=0+-100	28480	0698-7270
R31	R29	0698-6631	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	28480	0698-6631
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R46 0698-7260 1 RESISTOR 10K +-1% .05W TF TC=0+-100 28480 0698-7 R49 0698-7253 1 RESISTOR 5.11K +-1% .05W TF TC=0+-100 28480 0698-7 R50 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7 R51 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7 R52 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7				•		0698-7260
R49 0698-7253 1 RESISTOR 5.11K +-1% .05W TF TC=0+-100 28480 0698-7 R50 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7 R51 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7 R52 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7			1	·		0698-7260
R51 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7 R52 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7						0698-7253
R51 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7 R52 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7						
R52 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7	R50	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
	R51	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R53 0698-7953 1 RESISTOR 5.11K ± 1% 05W TE TC=0± 100 28480 0698-7	R52	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
1 100	R53	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R54 0698-7236 1 RESISTOR 1K +-1% .05W TF TC=0+-100 28480 0698-7	R54	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236

HP Part Number 5062-1983 Demod/QPD (continued)

Defenence	UD Dont		Description	Mfr	Mfr Part
Reference Designator	HP Part Number	Qty	Description	Code	Number
R55	0698-3458	1	RESISTOR 348K +-1% .125W TF TC=0+-100	28480	0698-3458
R100	0698-7243	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	28480	0698-7243
R101	0698-6631	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	28480	0698-6631
R102	0698-7209	1	RESISTOR 75 +-1% .05W TF TC=0+-100	28480	0698-7209
R103	0698-7268	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	28480	0698-7268
R104	0698-7241	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	28480	0698-7241
R105	0698-7275	1	RESISTOR 42.2K +-1% .05W TF TC=0+-100	28480	0698-7275
R106	0698-7250	1	RESISTOR 3.83K +-1% .05W TF TC=0+-100	28480	0698-7250
R107	0699-0981	1	RESISTOR 20.5K +-1% .05W TF TC=0+-100	28480	0699-0981
R109	0698-7277	1	RESISTOR 51.1K +-1% .05W TF TC=0+-100	28480	0698-7277
R110	0698-7212	1	RESISTOR 100 +-1% .05W TF TC=0+-100	28480	0698-7212
R111	0698-7211	1	RESISTOR 90.9 +-1% .05W TF TC=0+-100	28480	
R112	0698-8711	1	RESISTOR 6.601K +-0.1% .125W TF TC=0+-25	28480	0698-8711
R114	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R115	0698-7237	1	RESISTOR 1.1K +-1% .05W TF TC=0+-100	28480	0698-7237
_					
R116	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100		0698-7260
R117	0698-7259	1	RESISTOR 9.09K +-1% .05W TF TC=0+-100		0698-7259
R118	0698-7262	1	RESISTOR 12.1K +-1% .05W TF TC=0+-100		0698-7262
R119	0698-7272	1	RESISTOR 31.6K +-1% .05W TF TC=0+-100		0698-7272
R120	0698-7278	1	RESISTOR 56.2K +-1% .05W TF TC=0+-100	28480	0698-7278
Dans		_	DECICEO DA COLLA MARCONIA DE MORA COLLA CO	20.400	0000 5000
R121	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100		0698-7260
R122	0698-7206	1	RESISTOR 56.2 +-1% .05W TF TC=0+-100		0698-7206
R123	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
U1	1826-0547	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	28480	1826-0547
U2	1826-1913	1	IC OSC DBL-BAL 8 PIN DIP-P	28480	1826-1913
err	1006.0150	,	IC RF/IF AMPL IF 8 PIN DIP-P	20100	1826 0150
U3	1826-0159		IC GATE CMOS/AC EXCL-OR QUAD 2-INP		1826-0159
U4	1820-6408	1	· · · · · · · · · · · · · · · · · · ·		1820-6408
U5	1826-1431	1	IC PWR MGT-V-REF-FXD 4.9975/5.0025V 8		1826-1431
U6	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS		1826-1933
U7	1826-1943	1	IC OP AMP HS QUAD 14 PIN DIP-C	28480	1826-1943
110	1006 1040	1	IC OP AMP HS QUAD 14 PIN DIP-C	28480	1826-1943
U8	1826-1943	1	*		1820-1943
U9	1820-1934	1	D/A 8-BIT 16-CERDIP BPLR		
U10	1826-0682	1	IC AUDIO AMPL PWR 8 PIN DIP-P		1826-0682
U12	1826-0159	1	IC RF/IF AMPL IF 8 PIN DIP-P	28480	1826-0159
U13	1826-0610	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	28480	1826-0610

HP Part Number 5062-1983 Demod/QPD (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U100	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U101	08590-80105	1	PAL-PRGM U1	28480	08590-80105
U102	1820-3298	1	IC GATE CMOS/HC OR QUAD 2-INP	28480	1820-3298
U103	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U104	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U105	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U106	1820-3789	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-3789
U107	1826-1086	1	ANALOG SWITCH 4 SPST 16 -DIP-P	28480	1826-1086
U108	1826-1845	1	IC OP AMP PRCN DUAL 8 PIN DIP-P	28480	1826-1845
U109	1826-1969	1	IC OP AMP LOW-DRIFT DUAL 8 PIN DIP-C	28480	1826-1969
U110	1820-1934	1	D/A 8-BIT 16-CERDIP BPLR	28480	1820-1934
U111	1826-0720	1	ANALOG SWITCH 4 SPST 16 -CERDIP	28480	1826-0720
U112	1826-0720	1	ANALOG SWITCH 4 SPST 16 -CERDIP	28480	1826-0720
U117	1826-0609	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	28480	1826-0609
VR1	1902-0048	1	DIODE-ZNR 6.81V 5% DO-35 PD=.4W	28480	1902-0048
VR2	1902-0579	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	28480	1902-0579
VR100	1902-0957	1	DIODE-ZNR 1N5239B 9.1V 5% DO-35 PD=.4W	28480	1902-0957
VR101	1902-0957	1	DIODE-ZNR 1N5239B 9.1V 5% DO-35 PD=.4W	28480	1902-0957
Y1	0410-2134	1	CRYSTAL-QUARTZ 18.432	28480	0410-2134

(73) 11×17 5062-1983-2 (74) 11×17 5062-1983-1 (74) 11×17 10f2 (73) 11×17

Component-Level Information Packet for 85462-60042

Demod/QPD



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HP Part Number 85462-60042 Demod/QPD

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	•••		Code	Number
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C1	0160-5972	1	CAP-FXD 5.6pF +-8.93% 50 V CER COG	28480	0160-5972
C2	0160-5959	1	CAP-FXD 33pF +-5% 50 V CER COG	28480	0160-5959
C3	0160-5956	1	CAP-FXD 56pF +-5% 50 V CER COG	28480	0160-5956
C4	0160-5956	1	CAP-FXD 56pF +-5% 50 V CER COG	28480	0160-5956
C5	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
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C6	0160-7217	1	CAP-FXD 20pF +-5% 50 V CER C0G	28480	0160-7217
C7	0160-6097	1	CAP-FXD 560pF +-5% 50 V CER C0G	28480	0160-6097
C8	0160-7217	1	CAP-FXD 20pF +-5% 50 V CER C0G	28480	0160-7217
C9	0160-6097	1	CAP-FXD 560 _P F +-5% 50 V CER C0G	28480	0160-6097
C10	0160-5962	1	CAP-FXD 15pF +-5% 50 V CER C0G	28480	0160-5962
C11	0160-6100	1	CAP-FXD 1000 _P F +-5% 50 V CER C0G	28480	0160-6100
C12	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	28480	0180-4228
C13	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C14	0160-5963	1	CAP-FXD 18pF +-5% 50 V CER C0G	28480	0160-5963
C15	0160-5968	1	CAP-FXD 82pF +-5% 50 V CER C0G	28480	0160-5968
C16	0160-5963	1	CAP-FXD 18pF +-5% 50 V CER C0G	28480	0160-5963
C17	0160-5968	1	CAP-FXD 82pF +-5% 50 V CER C0G	28480	0160-5968
C18	0160-7385	1	CAP-FXD 130pF +-5% 50 V CER C0G	28480	0160-7385
C19	0160-7390	1	CAP-FXD 360pF +-5% 50 V CER C0G	28480	0160-7390
C20	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C21	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C22	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C23	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C24	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C25	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C26	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C27	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C28	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C29	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C30	0160-5962	1	CAP-FXD 15pF +-5% 50 V CER COG	28480	0160-5962
C31	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	28480	0180-4116
C32	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C33	0180-4207	1	CAP-FXD 220uF +-10% 10 V TA	28480	0180-4207
C35	0160-6727	1	CAP-FXD 0.033uF +-10% 50 V CER X7R	28480	0160-6727
C36	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
	2122 1112		CAR DVD on Day of W. MA	00400	0190 4116
C37	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	28480	0180-4116
C38	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-6222
C39	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	28480	0180-4228
C40	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C41	0160-6099	1	CAP-FXD 820pF +-5% 50 V CER C0G	28480	0160-6099
C42	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C43	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C44	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C45	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C46	0160-5953	1	CAP-FXD 270pF +-5% 50 V CER C0G	28480	0160-5953
	0100	_			
C47	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C48	0160-5952	1	CAP-FXD 330pF +-5% 50 V CER C0G	28480	0160-5952
C49	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C50	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C51	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C52	0160-7382	1	CAP-FXD 91pF +-5% 50 V CER C0G	28480	0160-7382
C53	0160-5959	1	CAP-FXD 33pF +-5% 50 V CER C0G	28480	0160-5959
C54	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C55	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C56	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C60	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C61	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C100	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C101	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C104	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C105	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R		
C106	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C107	0160-5967	1	CAP-FXD 100 _P F +-5% 50 V CER C0G		0160-5967
C108	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C109	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C110	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	1	0160-6734
C111	0180-4470	1	CAP-FXD 6.8uF +-10% 35 V TA		0180-4470
C112	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	1	0180-4116
C116	0180-4470	1	CAP-FXD 6.8uF +-10% 35 V TA	1	0180-4470
C117	0180-4470	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-4470

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C118	0180-4470	1	CAP-FXD 6.8uF +-10% 35 V TA		0180-4470
C120	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-6222
C200	0180-4470	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-4470
C201	0180-4470	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-4470
C202	0180-4470	1	CAP-FXD 6.8uF +-10% 35 V TA	28480	0180-4470
CR1	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02237	BAS16
CR2	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02237	BAS16
CR3	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02237	BAS16
CR4	1901-0880	1	DIODE-GEN PRP 200MA DO-35	02237	1MD2
CR5	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02237	BAS16
CR6	1901-0880	1	DIODE-GEN PRP 200MA DO-35	02237	1MD2
J1	1251-8912	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8912
J 2	1251-5285	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5285
J3	1252-1882	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-1882
J4	1252-2195	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2195
J5	1251-5285	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5285
J6	1251-5285	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5285
L1	9100-1640	1	INDUCTOR RF-CH-MLD 160uH +-5%	28480	9100-1640
L2	9100-1640	1	INDUCTOR RF-CH-MLD 160uH +-5%	28480	9100-1640
L3	9140-0237	1	INDUCTOR RF-CH-MLD 200uH +-5%	28480	9140-0237
L4	9140-1110	1	INDUCTOR 5.6uH +-5% 3.4W-mmX4.8LG-mm	28480	9140-1110
L5	9140-1110	1	INDUCTOR 5.6uH +-5% 3.4W-mmX4.8LG-mm	28480	9140-1110
L6	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	28480	9140-1121
L7	9140-1122	1	INDUCTOR 150uH +-5% 3.4W-mmX4.8LG-mm	28480	9140-1122
L8	85650-80004	1	INDUCTOR 8.25 UH	28480	85650-80004
L9	9100-1655	1	INDUCTOR RF-CH-MLD 1.2mH +-5%	28480	9100-1655
MP3	0403-0621	1	EXTR-PC BD BLK NYL .062-IN-BD-THKNS		91-2-BLACK-5
MP4	7100-1317	1	CAN-SQ	01932	HU 4532437 + TABS
MP6	0403-0628	1	EXTR-PC BD ORN NYL .062-IN-BD-THKNS	02123	91-2-ORANGE-6
MP7	7100-1316	1	CAN-SQ	01932	HU 4280437 + TABS
MP13	0410-4288	1	COMPONENT-CRYSTAL INSULATOR-CRYSTAL	28480	0410-4288
Q1	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	28480	1854-1037
Q3	1855-0680	1	TRANSISTOR J-FET N-CHAN D-MODE TO-236AA	02237	MMBF4391-HIGH
Q4	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	28480	1853-0567
Q100	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	28480	1855-0734

Reference	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Designator	Number			Code	rumber
Q101	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	28480	1855-0734
Q102	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	28480	1855-0734
Q103	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	28480	1855-0734
Q104	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	28480	1855-0734
Q105	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	28480	1855-0734
Q106	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	28480	1855-0734
Q107	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	28480	1855-0734
R1	0699-1385	1	RESISTOR 5.11K +-1% .125W TKF TC=0+-100	28480	0699-1385
R2	0699-1379	1	RESISTOR 2.87K +-1% .125W TKF TC=0+-100	28480	0699-1379
R3	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	28480	0699-1318
R4	0699-1904	1	RESISTOR 1.62K +-1% .125W TKF TC=0+-100	28480	0699-1904
R6	0699-1904	1	RESISTOR 1.62K +-1% .125W TKF TC=0+-100	28480	0699-1904
R7	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	28480	0699-1318
R8	0699-1360	1	RESISTOR 46.4 +-1% .125W TKF TC=0+-100	28480	0699-1360
R9	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0699-2846
R10	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	28480	0699-1318
R11	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	28480	0699-1318
R12	0699-2889	1	RESISTOR 4.7 +-5% .125W TKF TC=0+-500	28480	0699-2889
R13	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0699-2846
R14	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0699-2489
R15	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	28480	0699-1427
R16	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	28480	0699-1427
R17	0699-2827	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	28480	0699-2827
R18	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	28480	0699-2490
R19	0699-2848	1	RESISTOR 18K +-0.1% .125W TF TC=0+-25	28480	0699-2848
R20	0699-2840	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	28480	0699-2840
R21	0699-2840	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	28480	0699-2840
R22	0699-2840	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	28480	0699-2840
R23	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0699-2489
R24	0699-1367	1	RESISTOR 90.9 +-1% .125W TKF TC=0+-100	28480	0699-1367
R25	0699-1400	1	RESISTOR 26.1K +-1% .125W TKF TC=0+-100	28480	0699-1400
R26	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	0699-1344
R27	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0699-2489
R28	0699-1400	1	RESISTOR 26.1K +-1% .125W TKF TC=0+-100	28480	0699-1400
R29	0699-2840	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	28480	0699-2840

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R30	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	28480	0699-1432
R31	0699-1379	1	RESISTOR 2.87K +-1% .125W TKF TC=0+-100	28480	0699-1379
R32	0699-0073	1	RESISTOR 10M +-1% .125W TF TC=0+-100	28480	0699-0073
R33	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	28480	0699-1327
R34	0699-1330	1	RESISTOR 100K +-1% .125W TKF TC=0+-100	28480	0699-1330
R35	0699-1400	1	RESISTOR 26.1K +-1% .125W TKF TC=0+-100	28480	0699-1400
R36	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	28480	0699-1391
R37	0699-2442	1	RESISTOR 2.2 +-5% .125W TKF TC=0+-200	28480	0699-2442
R38	0699-1440	1	RESISTOR 121K +-1% .125W TKF TC=0+-100	28480	0699-1440
R39	0699-1443	1	RESISTOR 147K +-1% .125W TKF TC=0+-100	28480	0699-1443
R40	0699-1460	1	RESISTOR 825K +-1% .125W TKF TC=0+-100	28480	0699-1460
R41	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0699-2847
R42	0699-2483	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	28480	0699-2483
R43	0699-1330	1	RESISTOR 100K +-1% .125W TKF TC=0+-100	28480	0699-1330
R45	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	28480	0699-1391
R46	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	28480	0699-1391
R48	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	28480	0699-1391
R49	0699-1385	1	RESISTOR 5.11K +-1% .125W TKF TC=0+-100	28480	0699-1385
R50	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	28480	0699-1318
R51	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	28480	0699-1318
R52	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	28480	0699-1318
R53	0699-1385	1	RESISTOR 5.11K +-1% .125W TKF TC=0+-100	28480	0699-1385
R54	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	28480	0699-1318
R55	0699-1448	1	RESISTOR 316K +-1% .125W TKF TC=0+-100	28480	0699-1448
R56	0699-2837	1	RESISTOR 30K +-0.1% .125W TF TC=0+-25	28480	0699-2837
R57	0699-2491	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0699-2491
R58	0699-2834	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	28480	0699-2834
R59	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	28480	0699-1391
R60	0699-1410	1	RESISTOR 61.9K +-1% .125W TKF TC=0+-100	28480	0699-1410
R61	0699-1448	1	RESISTOR 316K +-1% .125W TKF TC=0+-100	28480	0699-1448
R62	0699-2491	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	28480	0699-2491
R63	0699-2838	1	RESISTOR 40K +-0.1% .125W TF TC=0+-25	28480	0699-2838
R64	0699-2834	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	28480	0699-2834
R65	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	28480	0699-2847
R66	0699-2823	1	RESISTOR 8K +-0.1% .125W TF TC=0+-25	28480	0699-2823

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R67	0699-2827	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	28480	0699-2827
R69	0699-1503	1	RESISTOR 0 CWM	28480	0699-1503
R70	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	28480	0699-1327
R100	0699-1375	1	RESISTOR 1.96K +-1% .125W TKF TC=0+-100	28480	0699-1375
R101	0699-2840	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	28480	0699-2840
R102	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	28480	0699-1365
R103	0699-1398	1	RESISTOR 21.5K +-1% .125W TKF TC=0+-100	28480	0699-1398
R104	0699-1904	1	RESISTOR 1.62K +-1% .125W TKF TC=0+-100	28480	0699-1904
R105	0699-1406	1	RESISTOR 42.2K +-1% .125W TKF TC=0+-100	28480	0699-1406
R106	0699-1382	1	RESISTOR 3.83K +-1% .125W TKF TC=0+-100	28480	0699-1382
R107	0699-1453	1	RESISTOR 464K +-1% .125W TKF TC=0+-100	28480	0699-1453
R108	0699-1398	1	RESISTOR 21.5K +-1% .125W TKF TC=0+-100	28480	0699-1398
R109	0699-1408	1	RESISTOR 51.1K +-1% .125W TKF TC=0+-100	28480	0699-1408
R110	0699-1367	1	RESISTOR 90.9 +-1% .125W TKF TC=0+-100	28480	0699-1367
R112	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0699-2846
			•		
R113	0699-1437	1	RESISTOR 825 +-1% .125W TKF TC=0+-100	28480	0699-1437
R114	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	28480	0699-2488
R115	0699-1369	1	RESISTOR 1.1K +-1% .125W TKF TC=0+-100	28480	0699-1369
R116	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0699-2489
R117	0699-1390	1	RESISTOR 9.09K +-1% .125W TKF TC=0+-100	28480	0699-1390
R118	0699-1319	1	RESISTOR 12.1K +-1% .125W TKF TC=0+-100	28480	0699-1319
R119	0699-1403	1	RESISTOR 31.6K +-1% .125W TKF TC=0+-100	28480	0699-1403
R120	0699-1409	1	RESISTOR 56.2K +-1% .125W TKF TC=0+-100	28480	0699-1409
R121	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	28480	0699-1391
R122	0699-1362	1	RESISTOR 56.2 +-1% .125W TKF TC=0+-100	28480	0699-1362
R123	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	28480	0699-1391
R130	0699-1404	1	RESISTOR 34.8K +-1% .125W TKF TC=0+-100	28480	0699-1404
R131	0699-1376	1	RESISTOR 2.15K +-1% .125W TKF TC=0+-100	28480	0699-1376
R132	0699-1401	1	RESISTOR 28.7K +-1% .125W TKF TC=0+-100	28480	0699-1401
R133	0699-1438	1	RESISTOR 909 +-1% .125W TKF TC=0+-100	28480	0699-1438
R134	0699-1410	1	RESISTOR 61.9K +-1% .125W TKF TC=0+-100	28480	0699-1410
R135	0699-1407	1	RESISTOR 46.4K +-1% .125W TKF TC=0+-100	28480	0699-1407
R136	0699-1379	1	RESISTOR 2.87K +-1% .125W TKF TC=0+-100	28480	0699-1379
R137	0699-1396	1	RESISTOR 17.8K +-1% .125W TKF TC=0+-100	28480	0699-1396
R138	0699-1435	1	RESISTOR 681 +-1% .125W TKF TC=0+-100	28480	0699-1435

Reference Designator	HP Part	Qty	Description		
	Number	•••	Description	Mfr Code	Mfr Part Number
R139	0699-1394	1	RESISTOR 14.7K +-1% .125W TKF TC=0+-100	28480	0699-1394
R140	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	0699-1344
R141	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	0699-1344
R142	0699-1362	1	RESISTOR 56.2 +-1% .125W TKF TC=0+-100	28480	0699-1362
R143	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	28480	0699-1391
R144	0699-1369	1	RESISTOR 1.1K +-1% .125W TKF TC=0+-100	l	0699-1369
R145	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25		0699-2489
R146	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	28480	
R147	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	l	0699-1391
R148	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	28480	0699-1415
R149	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	0699-1344
R150	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	
R200	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100		0699-1318
U1	1826-2171	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN		1826-2171
U2	1826-1931	1	IC OSC DBL-BAL SINGLE 8 PIN PLSTC-SOIC	1	1826-1931
02	1620-1931	1	IC OSC DBL-BAL SINGLE 8 FIN I ESTC-SOIC	20400	1020-1931
U3	1826-2211	1	IC RF/IF AMPL SINGLE 8 PIN PLSTC-SOIC	28480	1826-2211
U4	1820-6391	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	28480	1820-6391
U5	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	28480	1826-1838
U6	1826-1899	1	D/A 12-BIT 28-PLCC CMOS	28480	1826-1899
U7	1826-2171	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	28480	1826-2171
U8	1826-2171	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	28480	1826-2171
U9	1826-1458	1	D/A 8-DGT 16-P-SOIC	28480	1826-1458
U10	1826-1963	1	IC AUDIO AMPL PWR SINGLE 8 PIN	28480	1826-1963
U12	1826-2211	1	IC RF/IF AMPL SINGLE 8 PIN PLSTC-SOIC	28480	1826-2211
U13	1826-2167	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	28480	1826-2167
U14	1820-4692	1	IC GATE CMOS/HC NAND QUAD 2-INP	2848U	1820-4692
			IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	1	1820-4692 1820-5752
U100	1820-5752	1	·		
	1820 4220	1	PAL-PROGRAMMED IC CATE CMOS/HC OR OUAD 2 INP	28480	08590-80165 1820-4220
U102	1820-4220	1	IC GATE CMOS/HC OR QUAD 2-INP		
U103	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-5752
U104	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-5752
U105	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-5752
U106	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-5752
U107	1826-1952	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	28480	1826-1952
U109	1826-2230	1	IC OP AMP LOW-OFS QUAD 16 PIN PLSTC-SOIC	28480	1826-2230

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U110	1826-1458	1	D/A 8-DGT 16-P-SOIC	28480	1826-1458
U111	1826-1952	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	28480	1826-1952
U112	1826-1952	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	28480	1826-1952
U113	1826-2190	1	IC OP AMP LOW-NOISE DUAL 8 PIN DIP-C	28480	1826-2190
U117	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	28480	1826-2147
U118	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	28480	1826-2147
U120	1826-1952	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	28480	1826-1952
U121	1820-4966	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG	28480	1820-4966
U122	1820-5551	1	IC DRVR CMOS/HC LINE OCTL	28480	1820-5551
U123	1826-1594	1	IC COMPARATOR GP SINGLE 8 PIN PLSTC-SOIC	28480	1826-1594
VR1	1902-0954	1	DIODE-ZNR 6.8V 5% DO-35 PD=.4W TC=+.057%	02037	SZ30035-1
VR2	1902-0579	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	28480	1902-0579
VR100	1902-0957	1	DIODE-ZNR 1N5239B 9.1V 5% DO-35 PD=.4W	28480	1902-0957
VR101	1902-0957	1	DIODE-ZNR 1N5239B 9.1V 5% DO-35 PD=.4W	28480	1902-0957
Y1	0410-2134	1	CRYSTAL-QUARTZ 18.432	28480	0410-2134

(6) 11X17 85462-60042-2 85462-60042-1 (77) 11X17 10f 2 (8) 11X17 242

Component-Level Information Packet for 5063-0234

Cellular Demod/TV



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HP Part Number 5063-0234 Cellular Demod/TV

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-4794	1	CAP-FXD 5.6pF +-8.92% 100 V CER C0G	28480	0160-4794
C2	0160-4807	1	CAP-FXD 33pF +-5% 100 V CER C0G	28480	0160-4807
C3	0160-4804	1	CAP-FXD 56pF +-5% 100 V CER C0G	28480	0160-4804
C4	0160-4804	1	CAP-FXD 56pF +-5% 100 V CER C0G	28480	0160-4804
C5	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C6	0160-5699	1	CAP-FXD 20pF +-5% 100 V CER C0G	28480	0160-5699
C7	0160-4825	1	CAP-FXD 560pF +-5% 100 V CER COG	28480	0160-4825
C8	0160-5699	1	CAP-FXD 20pF +-5% 100 V CER C0G	28480	0160-5699
C9	0160-4825	1	CAP-FXD 560pF +-5% 100 V CER COG	28480	0160-4825
C10	0160-4789	1	CAP-FXD 15pF +-5% 100 V CER COG	28480	0160-4789
C11	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	0160-4574
C12	0180-3850	1	CAP-FXD 68uF +-10% 10 V TA	28480	0180-3850
C13	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C14	0160-4788	1	CAP-FXD 18pF +-5% 100 V CER C0G	28480	0160-4788
C15	0160-4802	1	CAP-FXD 82pF +-5% 100 V CER COG	28480	0160-4802
C16	0160-4788	1	CAP-FXD 18pF +-5% 100 V CER COG	28480	0160-4788
C17	0160-4802	1	CAP-FXD 82pF +-5% 100 V CER C0G	28480	0160-4802
C18	0160-5405	1	CAP-FXD 130pF +-5% 100 V CER C0G	28480	0160-5405
C19	0160-5404	1	CAP-FXD 360pF +-5% 100 V CER C0G	28480	0160-5404
C20	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C21	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C22	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C23	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C24	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C25	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C26	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C27	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	
C28	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	
C29	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	
C30	0160-4382	1	CAP-FXD 3.3pF +-7.58% 200 V CER COG	28480	0160-4382
C31	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	28480	0180-3848
C32	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C33	0180-4214	1	CAP-FXD 220uF +-10% 10 V TA	28480	0180-4214
C35	0160-6588	1	CAP-FXD 0.033uF +-10% 100 V CER X7R	28480	0160-6588
C36	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
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Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
C37	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	28480	0180-3848
C38	0160-5098	1	CAP-FXD 0.22uF +-10% 50 V CER X7R	28480	0160-5098
C39	0180-3850	1	CAP-FXD 68uF +-10% 10 V TA	28480	0180-3850
C40	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C41	0160-6146	1	CAP-FXD 910pF $+$ -5% 100 V CER C0G	28480	0160-6146
C42	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C43	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C44	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C45	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C46	0160-4811	1	CAP-FXD 270pF +-5% 100 V CER COG	28480	0160-4811
C40	0160-4811	1	CAI -FAD 270pF 4-3% 100 V CER OOG	20400	0100-4011
C47	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C48	0160-4810	1	CAP-FXD 330pF +-5% 100 V CER C0G	28480	0160-4810
C49	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C50	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C51	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C52	0160-4371	1	CAP-FXD 680pF +-5% 100 V CER C0G	28480	0160-4371
C53	0160-4386	1	CAP-FXD 33pF +-5% 200 V CER COG	28480	0160-4386
C54	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C100	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C101	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C103	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C104	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	
C105		1	CAP-FXD 68uF +-10% 10 V TA	28480	0180-3850
C109	0180-3850 0160-4835	1	CAP-FXD 0.1uF +-10% 10 V 1A CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-4835
C110	0160-4655	1	CAT -F AD 0.1ul +-10% 30 V OEAC ATC	20400	0100-4000
C111	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C112	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R		0160-5422
C113	0160-5422	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	28480	0160-5422
C114	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	0160-4574
C115	0160-4574	1	CAP-FXD 1000pF +-10% 100 V CER X7R	28480	0160-4574
CR2	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR3	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35		
CR5	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35		
CR100	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35		
CR101	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35		D3D2
					_

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR102	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
CR103	1901-0050	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	02237	D3D2
E1	9170-1380	1	CORE-SHIELDING BEAD	28480	9170-1380
E2	9170-1380	1	CORE-SHIELDING BEAD	28480	9170-1380
J1	1251-8912	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-8912
J2	1250-0543	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	28480	1250-0543
L1	9100-1640	1	INDUCTOR RF-CH-MLD 160uH +-5%	28480	9100-1640
L2	9100-1640	1	INDUCTOR RF-CH-MLD 160uH +-5%	28480	9100-1640
L3	9140-0237	1	INDUCTOR RF-CH-MLD 200uH +-5%	28480	9140-0237
L4	9100-2547	1	INDUCTOR RF-CH-MLD 5.6uH +-10%	28480	9100-2547
L5	9100-2547	1	INDUCTOR RF-CH-MLD 5.6uH +-10%	28480	9100-2547
L6	9100-2562	1	INDUCTOR RF-CH-MLD 100uH +-10%	28480	9100-2562
L7	9100-2564	1	INDUCTOR RF-CH-MLD 150uH +-10%	28480	9100-2564
MP2	7100-1316	1	CAN-SQ	01932	HU 4280437 + TABS
МР3	0403-0630	1	EXTR-PC BD BRN NYL .062-IN-BD-THKNS	02123	91-2-BROWN-9
MP4	7100-1317	1	CAN-SQ	01932	HU 4532437 + TABS
MP6	0403-0621	1	EXTR-PC BD BLK NYL .062-IN-BD-THKNS	02123	91-2-BLACK-5
РЗ	1252-1882	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-1882
P4	1252-2195	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-2195
P5	1251-5285	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5285
Q3	1855-0420	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02237	
Q100	1855-0555	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	28480	1855-0555
R1	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R2	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R3	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R4	0698-7241	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	28480	0698-7241
R5	0698-7188	1	RESISTOR 10 +-1% .05W TF TC=0+-100	28480	0698-7188
R6	0698-7241	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	28480	0698-7241
R7	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R8	0698-7204	1	RESISTOR 46.4 +-1% .05W TF TC=0+-100	28480	0698-7204
R9	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320
R10	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R11	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R12	0698-8820	1	RESISTOR 4.64 +-1% .125W TF TC=0+-100	28480	0698-8820
R13	0698-6320	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	28480	0698-6320

Reference	HP Part	Qty	Description	Mfr	Mfr Part Number
Designator	Number			Code	Number
R14	0698-6360	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	28480	0698-6360
R15	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R16	0698-3444	1	RESISTOR 316 +-1% .125W TF TC=0+-100	28480	0698-3444
R17	0699-2124	1	RESISTOR 619 +-0.1% .125W TF TC=0+-25	28480	0699-2124
R18	0699-0692	1	RESISTOR 1.4K +-0.1% .125W TF TC=0+-25	28480	0699-0692
R19	0698-6963	1	RESISTOR 5.55K +-0.1% .125W TF TC=0+-25	28480	0698-6963
R20	0698-6533	1	RESISTOR 12.5K +-0.1% .125W TF TC=0+-25	28480	0698-6533
R21	0698-6631	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	28480	0698-6631
R22	0698-6631	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	28480	0698-6631
R25	0698-7270	1	RESISTOR 26.1K +-1% .05W TF TC=0+-100	28480	0698-7270
R27	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R28	0698-7270	1	RESISTOR 26.1K +-1% .05W TF TC=0+-100	28480	0698-7270
R29	0698-6631	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	28480	0698-6631
R30	0698-7229	1	RESISTOR 511 +-1% .05W TF TC=0+-100	28480	0698-7229
R31	0698-7247	1	RESISTOR 2.87K +-1% .05W TF TC=0+-100	28480	0698-7247
R32	0699-0073	1	RESISTOR 10M +-1% .125W TF TC=0+-100	28480	0699-0073
R33	0699-0073	1	RESISTOR 10M +-1% .125W TF TC=0+-100	28480	0699-0073
R34	0698-7284	1	RESISTOR 100K +-1% .05W TF TC=0+-100	28480	0698-7284
R35	0698-7270	1	RESISTOR 26.1K +-1% .05W TF TC=0+-100	28480	0698-7270
R36	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R37	0698-8816	1	RESISTOR 2.15 +-1% .125W TF TC=0+-100	28480	
R38	0698-7286	1	RESISTOR 121K +-1% .05W TF TC=0+-100	28480	0698-7286
R39	0698-7288	1	RESISTOR 147K +-1% .05W TF TC=0+-100	28480	0698-7288
R40	0698-8826	1	RESISTOR 825K +-1% .125W TF TC=0+-100	28480	0698-8826
R41	0699-2124	1	RESISTOR 619 +-0.1% .125W TF TC=0+-25	28480	0699-2124
				00.400	0000 0400
R42	0699-0400		INDIDIOICOIOIR OIL70 ILZO // ZZ ZZ Z Z		0699-0400
R43	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	1	0698-7260
R44	0698-7260	i	RESISTOR 10K +-1% .05W TF TC=0+-100		0698-7260
R45	0698-7260		RESISTOR 10K +-1% .05W TF TC=0+-100	28480	
R46	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
D 47	0609 7960	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
R47	0698-7260		RESISTOR 10K +-1% .05W 17 1C=0+-100		0698-7229
R48	0698-7229 0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	Į.	0698-7253
R49	[RESISTOR 1K +-1% .05W TF TC=0+-100	28480	
R50	0698-7236		RESISTOR 1K +-1% .05W TF TC=0+-100	28480	
R51	0698-7236		10001010111 7-1/0 .00 11 10-0 -100		
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Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number			Code	Number
R52	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R53	0698-7253	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	28480	0698-7253
R54	0698-7236	1	RESISTOR 1K +-1% .05W TF TC=0+-100	28480	0698-7236
R55	0698-3458	1	RESISTOR 348K +-1% .125W TF TC=0+-100	28480	0698-3458
R200	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	28480	0698-7244
R203	0698-8825	1	RESISTOR 681K +-1% .125W TF TC=0+-100	28480	0698-8825
R204	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	28480	0698-7244
R205	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	28480	0698-7244
R206	0698-7244	1	RESISTOR 2.15K +-1% .05W TF TC=0+-100	28480	0698-7244
R207	0698-7260	1	RESISTOR 10K +-1% .05W TF TC=0+-100	28480	0698-7260
U1	1826-0547	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	28480	1826-0547
U2	1826-1913	1	IC OSC DBL-BAL 8 PIN DIP-P	28480	1826-1913
U3	1826-0159	1	IC RF/IF AMPL IF 8 PIN DIP-P	28480	1826-0159
U4	1820-6408	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	28480	1820-6408
U5	1826-1431	1	IC PWR MGT-V-REF-FXD 4.9975/5.0025V 8	28480	1826-1431
U6	1826-1933	1	D/A 12-BIT 24-PLASTIC CMOS	28480	1826-1933
U7	1826-1943	1	IC OP AMP HS QUAD 14 PIN DIP-C	28480	1826-1943
U8	1826-1943	1	IC OP AMP HS QUAD 14 PIN DIP-C	28480	1826-1943
U9	1820-1934	1	D/A 8-BIT 16-CERDIP BPLR	28480	1820-1934
U10	1826-0682	1	IC AUDIO AMPL PWR 8 PIN DIP-P	28480	1826-0682
U11	1826-2026	1	ANALOG SWITCH SPST 8 -DIP-P	28480	1826-2026
U12	1826-0159	1	IC RF/IF AMPL IF 8 PIN DIP-P	28480	1826-0159
U100	1820-4152	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-4152
U101	08590-80105	1	PAL-PRGM U1	28480	Ì
U102	1820-3298	1	IC GATE CMOS/HC OR QUAD 2-INP	28480	
U103	1820-4152	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-4152
U105	1820-4152	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM		1820-4152
U106	1820-4152	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	
U107	1820-4152	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM		1820-4152
U108	1820-3205	1	IC CNTR CMOS/HC BIN UP/DOWN SYNCHRO	28480	
U109	1820-3205	1	IC CNTR CMOS/HC BIN UP/DOWN SYNCHRO	2848U	1820-3205
U110	1820-3205	1	IC CNTR CMOS/HC BIN UP/DOWN SYNCHRO		1820-3205
U111			IC MUXR/DATA-SEL CMOS/HC 4-TO-1-LINE		1820-3203
	1820-3672	1	· · · · · · · · · · · · · · · · · · ·		
U112	1820-3185	1	IC SCHMITT-TRIG CMOS/HC INV HEX	28480	
U113	1826-1942	1	IC MISC 8 PIN DIP-P	28480	1826-1942

HP Part Number 5063-0234 Cellular Demod/TV (continued)

Reference Designator	HP Part Number	Qty	Description		Mfr Part Number	
U114	1820-3173	1	IC FF CMOS/HC J-K NEG-EDGE-TRIG	28480	1820-3173	
U115	1820-3183	1	IC GATE CMOS/HC NAND QUAD 2-INP	02237	MM74HC03N	
U116	1826-0609	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	28480	1826-0609	
VR1	1902-0048	1	DIODE-ZNR 6.81V 5% DO-35 PD=.4W	28480	1902-0048	
VR2	1902-0579	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	28480	1902-0579	
Y1	0410-2134	1	CRYSTAL-QUARTZ 18.432	28480	0410-2134	

79) //x/7 5063-0234-2 80) //x/7 5063-0234-1 10f2 81) //x/7 5063-0234-1 20f2

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Component-Level Information Packet for 08590-60374

TV Display



HP Part No. 08590-90258
Printed in USA August 1995

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HP Part Number 08590-60374 TV Display

Reference	HP Part	Qty	Description	Mfr	Mfr Part
Designator	Number	w.uy	Description	Code	1
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C1	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-6497
C2	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-6497
C6	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-6497
C7	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C8	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-6497
C9	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C10	0160-6097	1	CAP-FXD 560pF +-5% 50 V CER C0G	28480	0160-6097
C11	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
C12	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-6497
C13	0180-3831	1	CAP-FXD 10uF +-10% 35 V TA	28480	0180-3831
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C14	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-6497
C15	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-6497
C16	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
C17	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA	28480	0180-3847
C18	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	28480	0160-6734
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C19	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-6497
C20	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-6497
C21	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-6497
C22	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-6497
C23	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-6497
C24	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	20400	0160-6497
C24 C25	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	l	0160-6497
C25	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	1	0160-6497
C26 C27	0180-3847	1	CAP-FXD 0.1th 4-10% 30 V CER X/R CAP-FXD 22uF +-10% 25 V TA		0180-3847
C27	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	1	0160-6497
020	0100-0497	1	CAI -I AD U.IM. T-10/1 30 V OER A/R	20400	0100-048/
C29	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-6497
C30	0180-3847	1	CAP-FXD 22uF +-10% 25 V TA		0180-3847
C31	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-6497
C31	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-6497
	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R		0160-6497
		-		20100	-100 0101
C34	0160-6497	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	28480	0160-6497
	1251-8912	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	1	1251-8912
	1252-0937	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END		1252-0937
	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50		9140-1113
. 1	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50		9140-1113

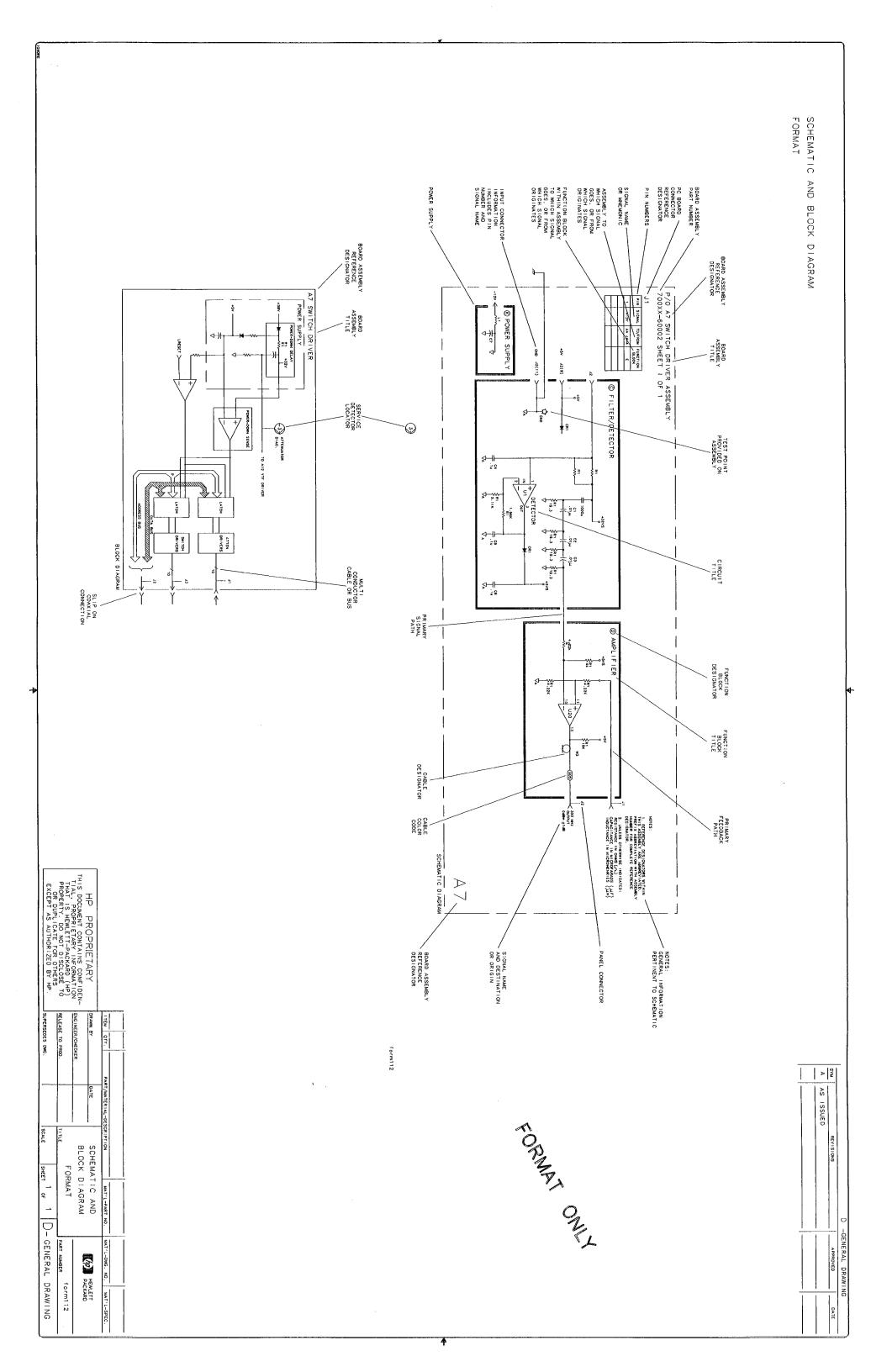
HP Part Number 08590-60374 TV Display (continued)

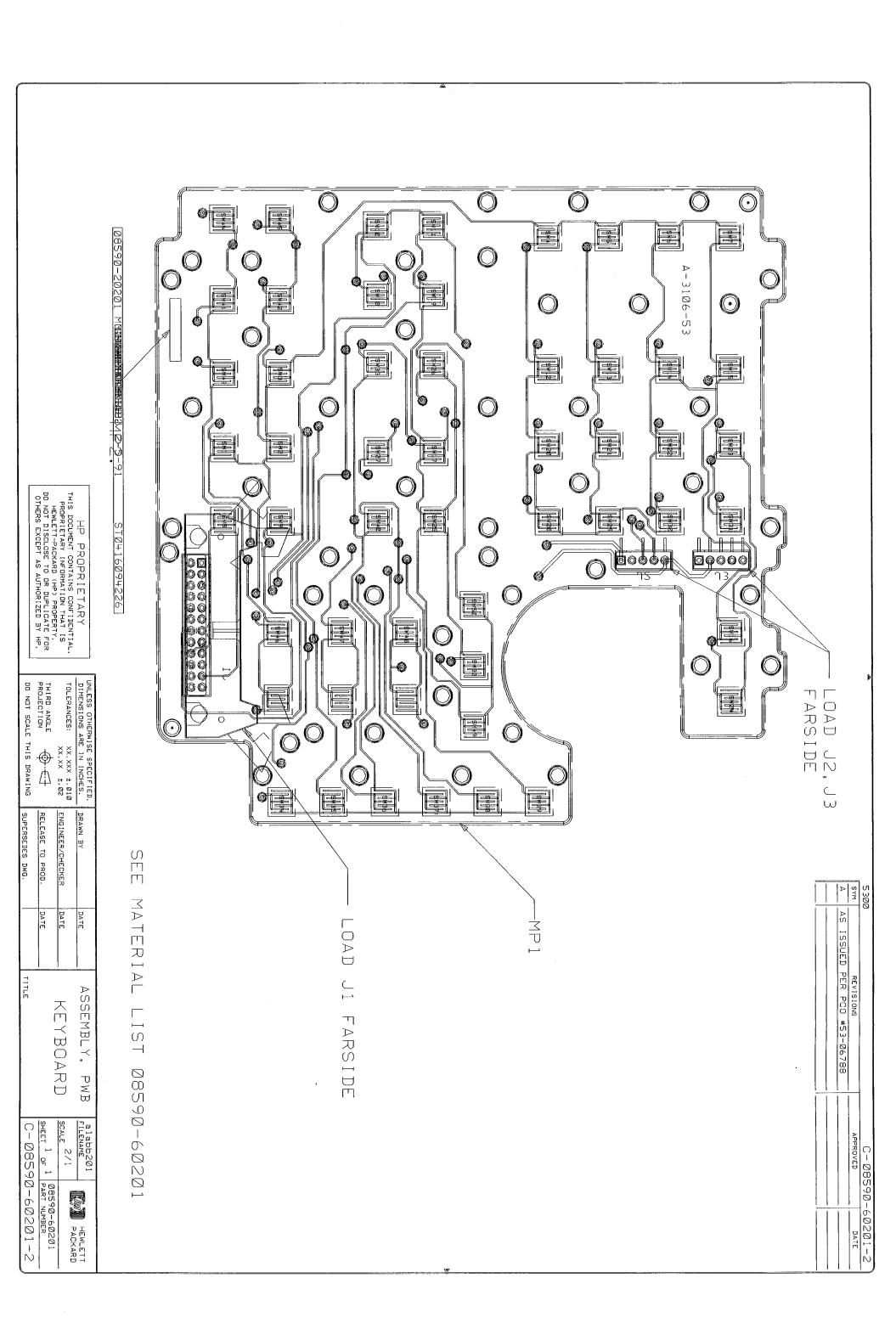
Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Designator	rumber				
L3	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	28480	9140-1121
MP3	0403-0629	1	EXTR-PC BD BLU NYL .062-IN-BD-THKNS	02123	91-2-BLUE-2
MP4	0403-0629	1	EXTR-PC BD BLU NYL .062-IN-BD-THKNS	02123	91-2-BLUE-2
Q1	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	28480	1855-0734
R1	0699-1375	1	RESISTOR 1.96K +-1% .125W TKF TC=0+-100	28480	0699-1375
R2	0699-1375	1	RESISTOR 1.96K +-1% .125W TKF TC=0+-100	28480	0699-1375
R3	0699-1375	1	RESISTOR 1.96K +-1% .125W TKF TC=0+-100	28480	0699-1375
R4	0699-1436	1	RESISTOR 750 +-1% .125W TKF TC=0+-100	28480	0699-1436
R5	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	28480	0699-1391
R6	0699-1422	1	RESISTOR 196 +-1% .125W TKF TC=0+-100	28480	0699-1422
					:
R7	0699-1422	1	RESISTOR 196 +-1% .125W TKF TC=0+-100	28480	0699-1422
R12	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	28480	0699-1318
R13	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	28480	0699-1318
R14	0699-1377	1	RESISTOR 2.37K +-1% .125W TKF TC=0+-100	28480	0699-1377
R15	0699-1357	1	RESISTOR 34.8 +-1% .125W TKF TC=0+-100	28480	0699-1357
R16	0699-1370	1	RESISTOR 1.21K +-1% .125W TKF TC=0+-100	28480	0699-1370
R17	0699-1433	1	RESISTOR 562 +-1% .125W TKF TC=0+-100	28480	0699-1433
R18	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	28480	0699-1318
R19	0699-1421	1	RESISTOR 178 +-1% .125W TKF TC=0+-100	28480	0699-1421
R20	0699-1370	1	RESISTOR 1.21K +-1% .125W TKF TC=0+-100	28480	0699-1370
R21	0699-1436	1	RESISTOR 750 +-1% .125W TKF TC=0+-100	28480	0699-1436
R22	0699-1436	1	RESISTOR 750 +-1% .125W TKF TC=0+-100	28480	0699-1436
R23	0699-1433	1	RESISTOR 562 +-1% .125W TKF TC=0+-100	28480	0699-1433
R24	0699-1371	1	RESISTOR 1.33K +-1% .125W TKF TC=0+-100	28480	0699-1371
R26	0699-1458	1	RESISTOR 681K +-1% .125W TKF TC=0+-100	28480	0699-1458
R27	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	l .	0699-1427
R28	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	1	0699-1391
R29	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	28480	0699-1391
R30	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	28480	0699-1391
R31	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	28480	0699-1391
S1	3101-3147	1	SWITCH-DIP SURF-MT-SL SPST 0.05A 6VDC		3101-3147
U1	1826-1739	1	IC OP AMP WB SINGLE 8 PIN PLSTC-SOIC	i .	1826-1739
UЗ	1826-1941	1	ANALOG SWITCH 4 SPST 16 -P-SOIC		1826-1941
U4	1820-5220	1	IC INV CMOS/HC HEX		1820-5220
U5	1826-2858	1	IC MISC WB QUAD 14 PIN DIP-P	28480	1826-2858
		<u> </u>			<u> </u>

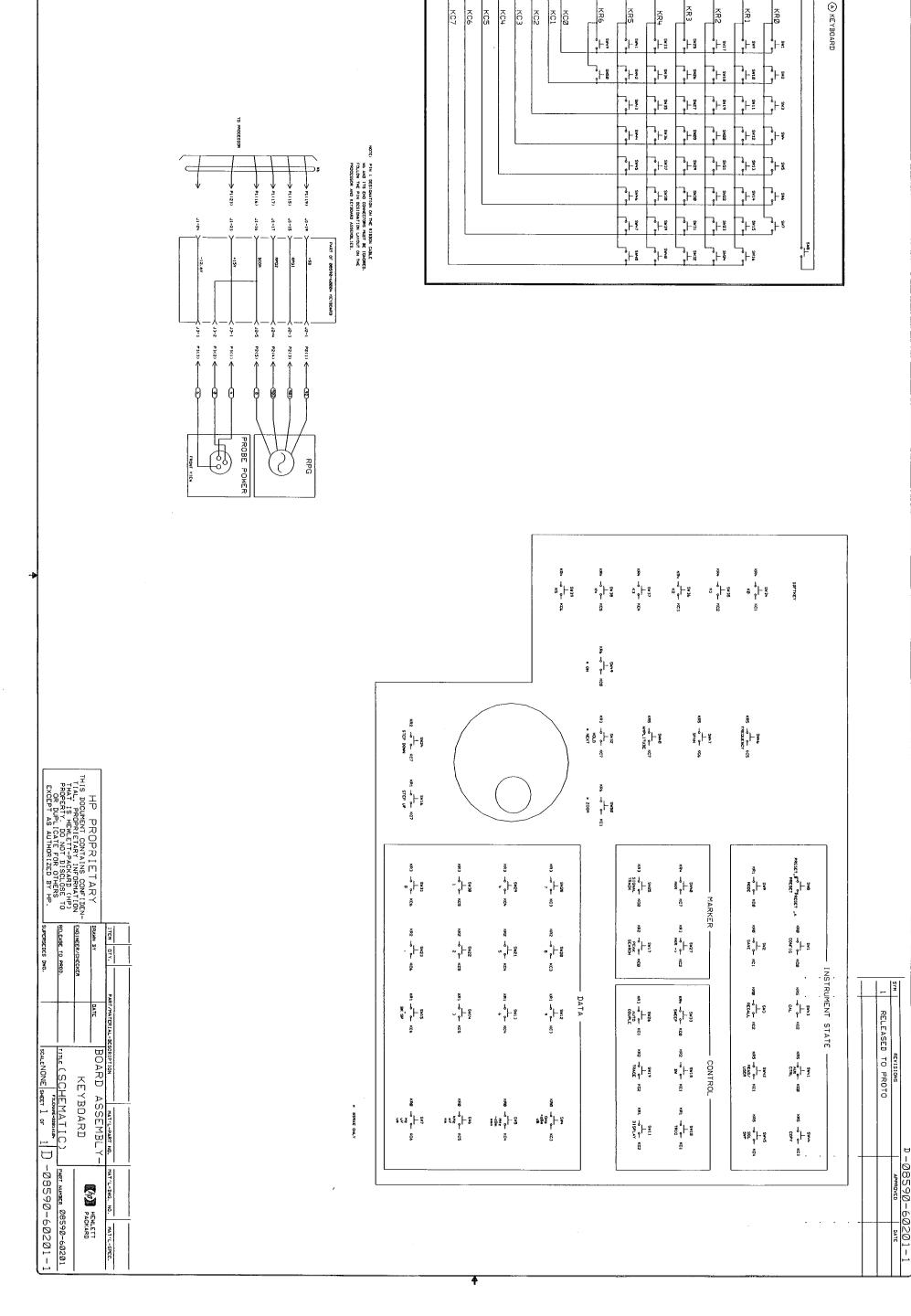
HP Part Number 08590-60374 TV Display (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U6	1826-2858	1	IC MISC WB QUAD 14 PIN DIP-P	28480	1826-2858
U7	1826-1942	1	IC MISC 8 PIN DIP-P	28480	1826-1942
U8	1820-5788	1	IC SW CMOS/HC ANALOG QUAD	28480	1820-5788
U9	1826-3150	1	IC MISC WB 8 PIN DIP-P	28480	1826-3150
U10	5181-5094	1	PAL-PROGRAMMED	28480	5181-5094
U11	1820-6240	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-6240
U12	1820-4220	1	IC GATE CMOS/HC OR QUAD 2-INP	28480	1820-4220
U13	1820-5808	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	28480	1820-5808
VR3	1902-0953	1	DIODE-ZNR 6.2V 5% DO-35 PD=.4W TC=+.053%	28480	1902-0953
VR4	1902-0953	1	DIODE-ZNR 6.2V 5% DO-35 PD=.4W TC=+.053%	28480	1902-0953

(82) 11×17 08590-60374-2 (83) 11×17 08590-60374-1







증 2

J1-14 J1-13 J1-12 J1-10 J1-6

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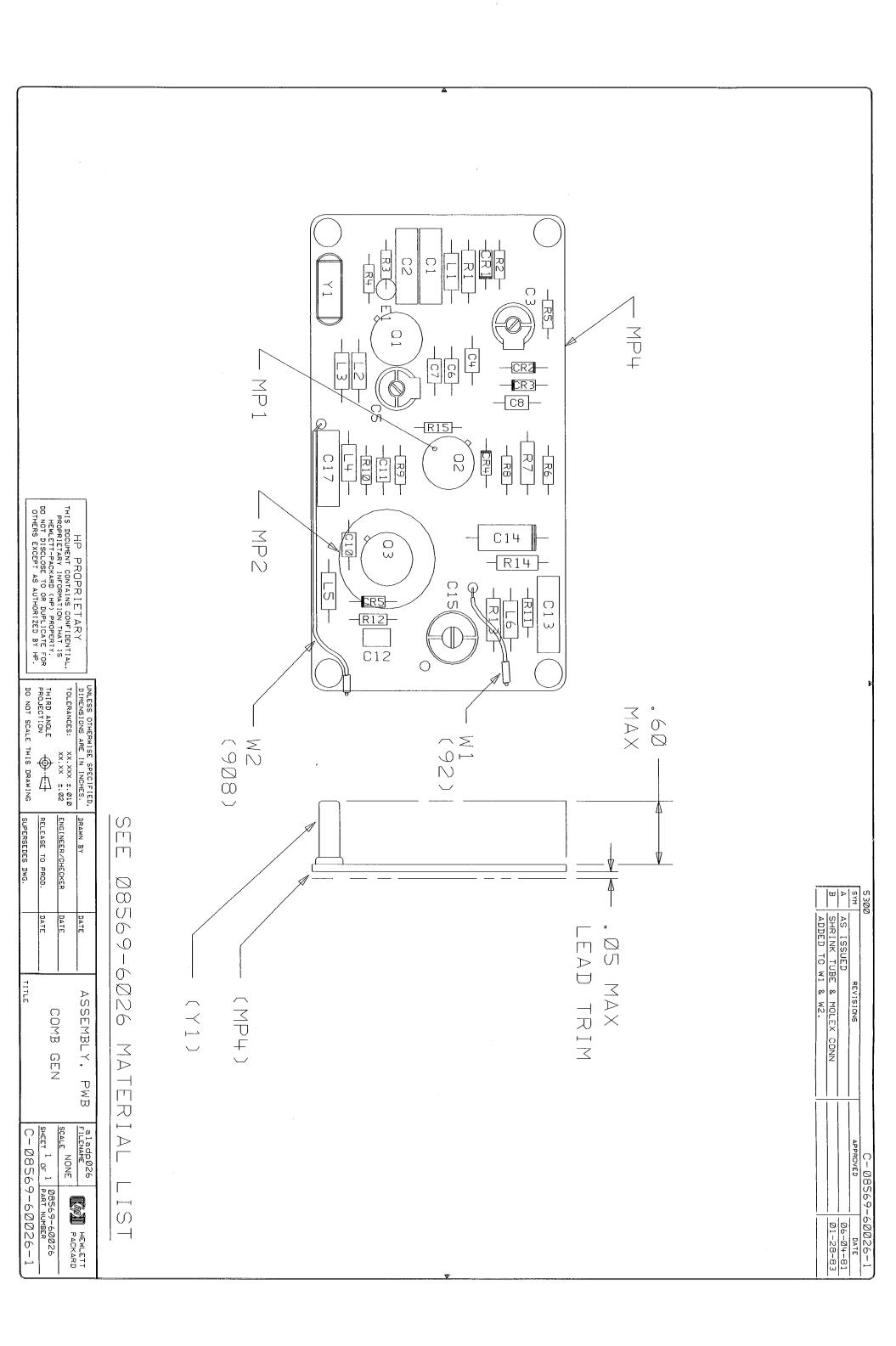
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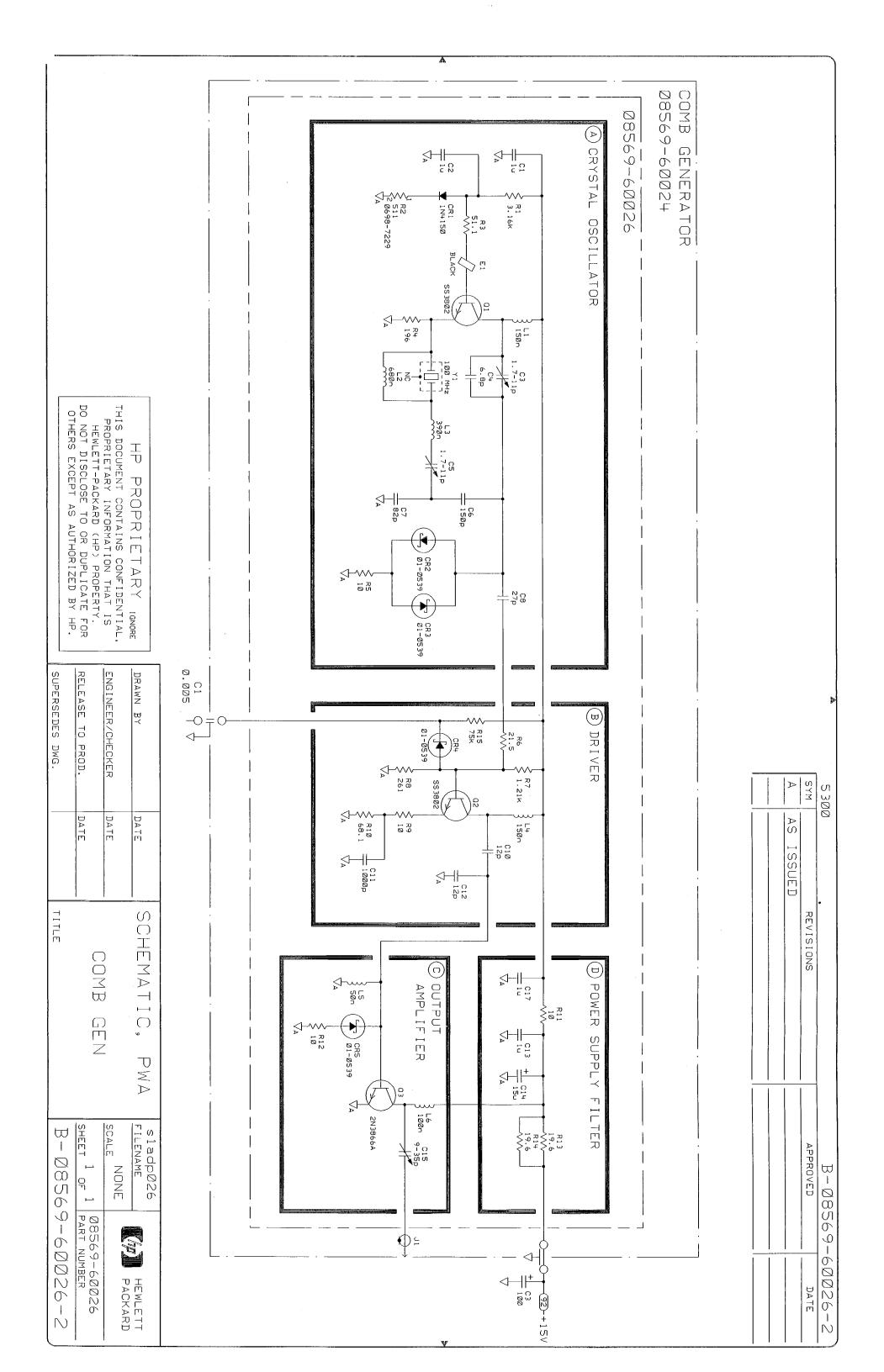
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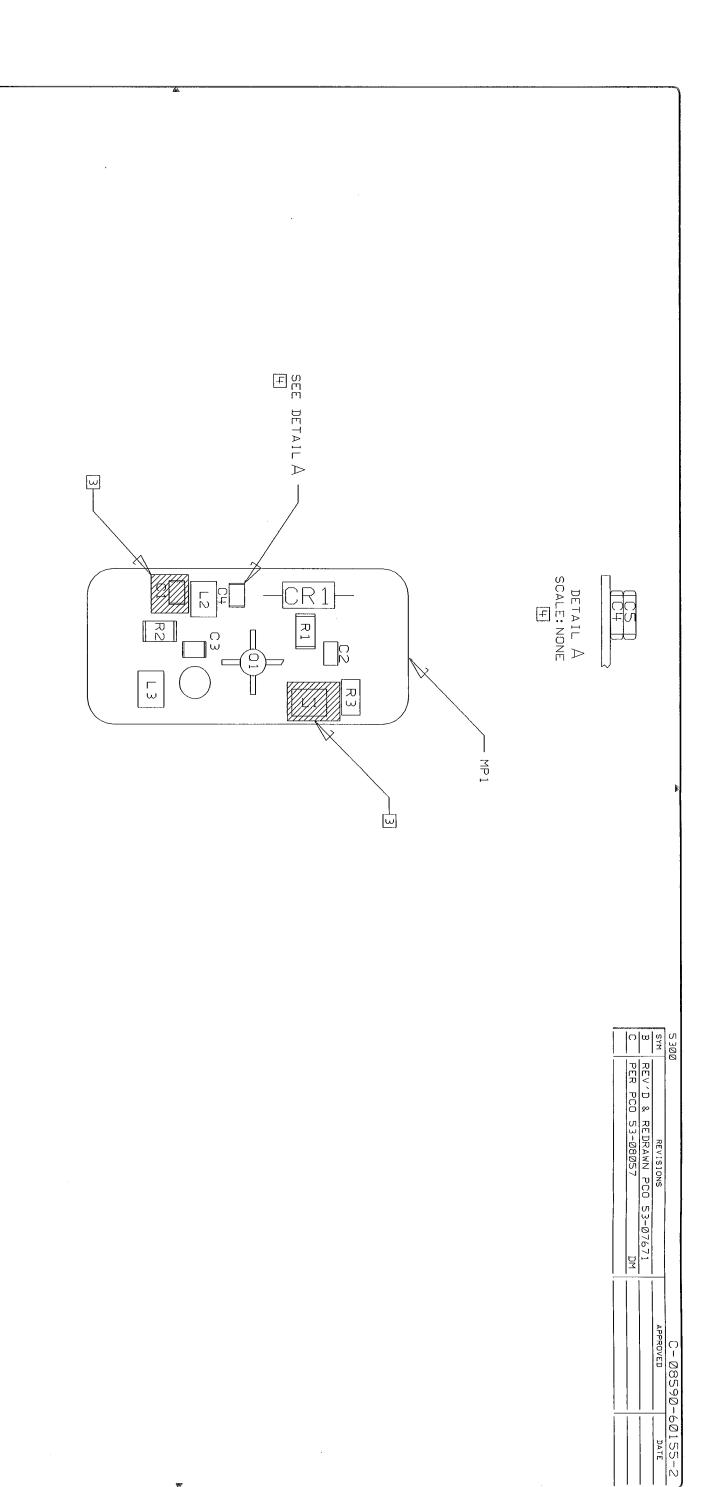
KR1

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J1-18







1. USE RAW BOARD PART NUMBER 08590-20155

NOTES: UNLESS OTHERWISE SPECIFIED

DATE CODE FARSIDE A-2846-53

FW? PARTS HATCHED MINIMARE NOT TO BE LOADED FOR THIS ASSEMBLY

PIGGYBACK C5 TO C4 AS SHOWN IN DETAIL A

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DIMENSIONS ARE IN INCHES.
TOLERANCES: XX.XXX ±.010 DO NOT SCALE THIS DRAWING XX.XXX ±.Ø10 XX.XX ±.Ø2 ф Д

RELEASE TO PROD. DATE
C-08590-60155-2 05-10-88SUPERSEDES DWG. ENGINEER/CHECKER

DRAWN BY

DATE

ASSEMBLY, FREQUENCY TRIPLER

SEE Ø8590-60155 MATERIAL LIST

T W W SCALE NONE alabbiSS FILENAME

C-08590-60155-2

OF 1 08590-60155

PACKARD



600 MHz INPUT FROM THE J2 . A FREQUENCY TRIPLER ##8 CR1 6.81v ÷8 4H− 十 編 記 **₩** }%C \triangleleft 6. 995u NOTE: THESE COMPONENTS NOT ON FREQUENCY TRIPLER ASSEMBLY (08590-60155) ₩ CR3 SECOND CONVERTER 1.8 GHz CAVITY ANALOG INTERFACE ASSEMBLY \triangleleft \$R20 \$178 (.5 WATT)

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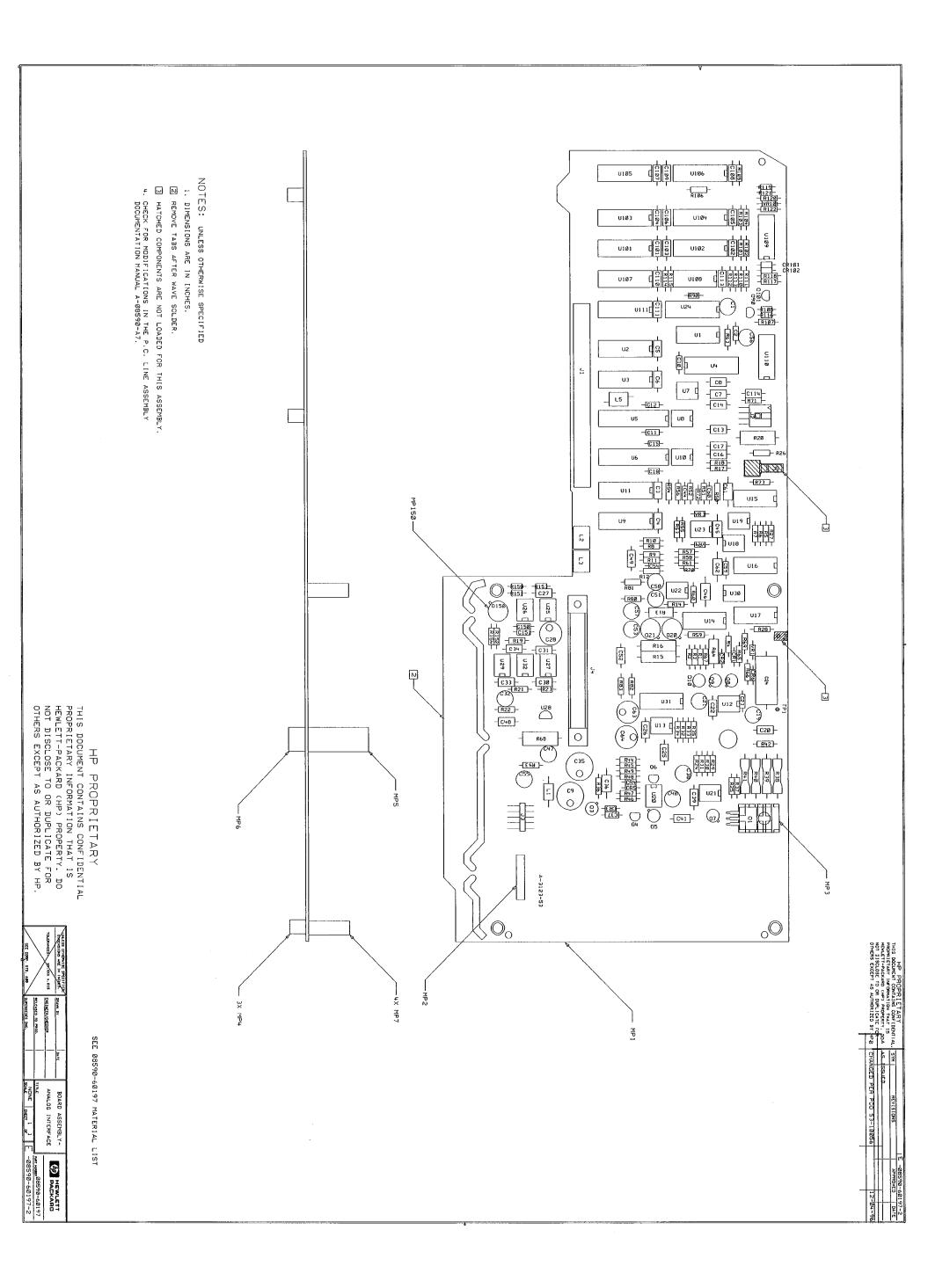
SCHEMATIC, FREQUENCY TRIPLER PWA

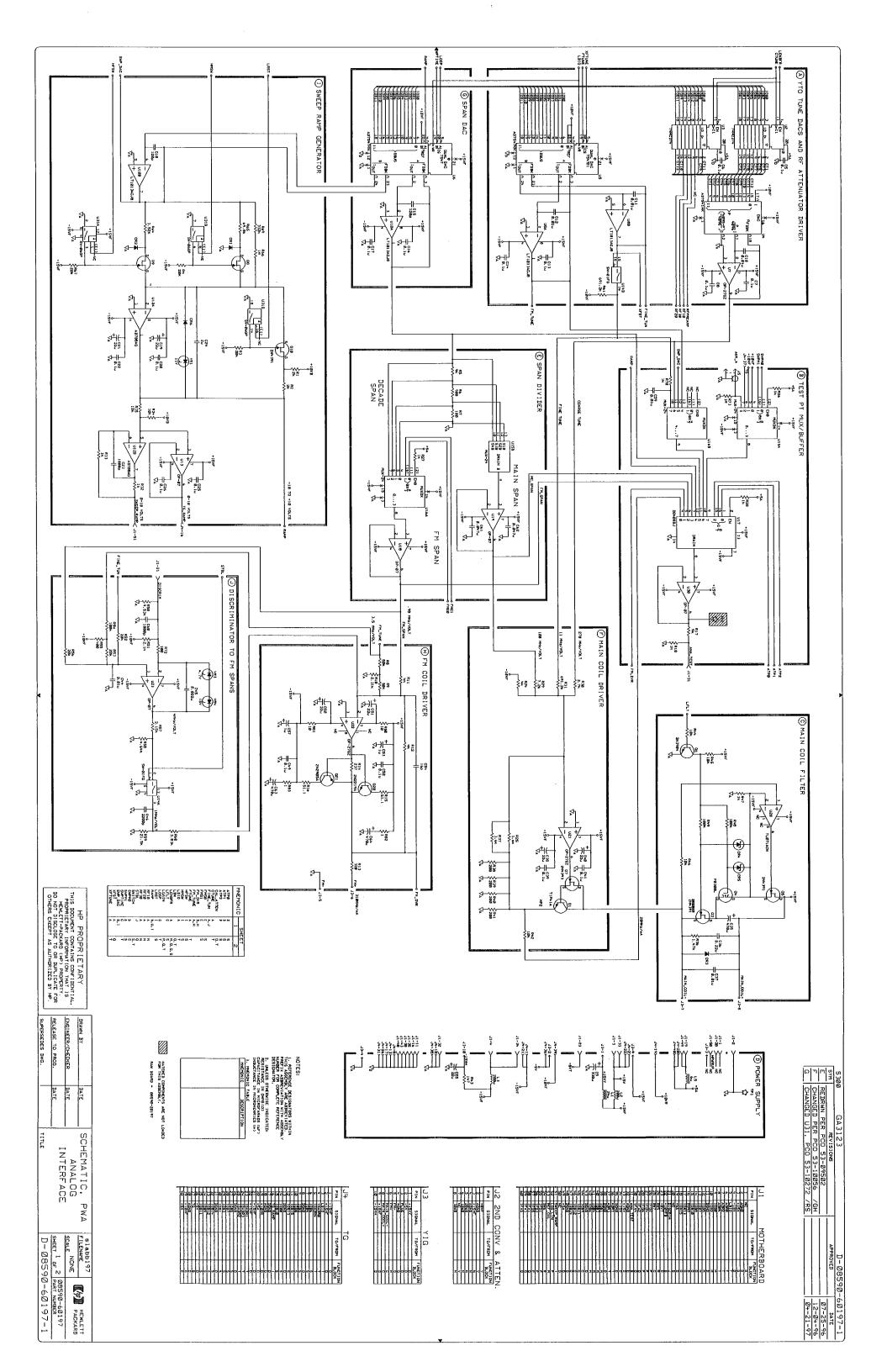
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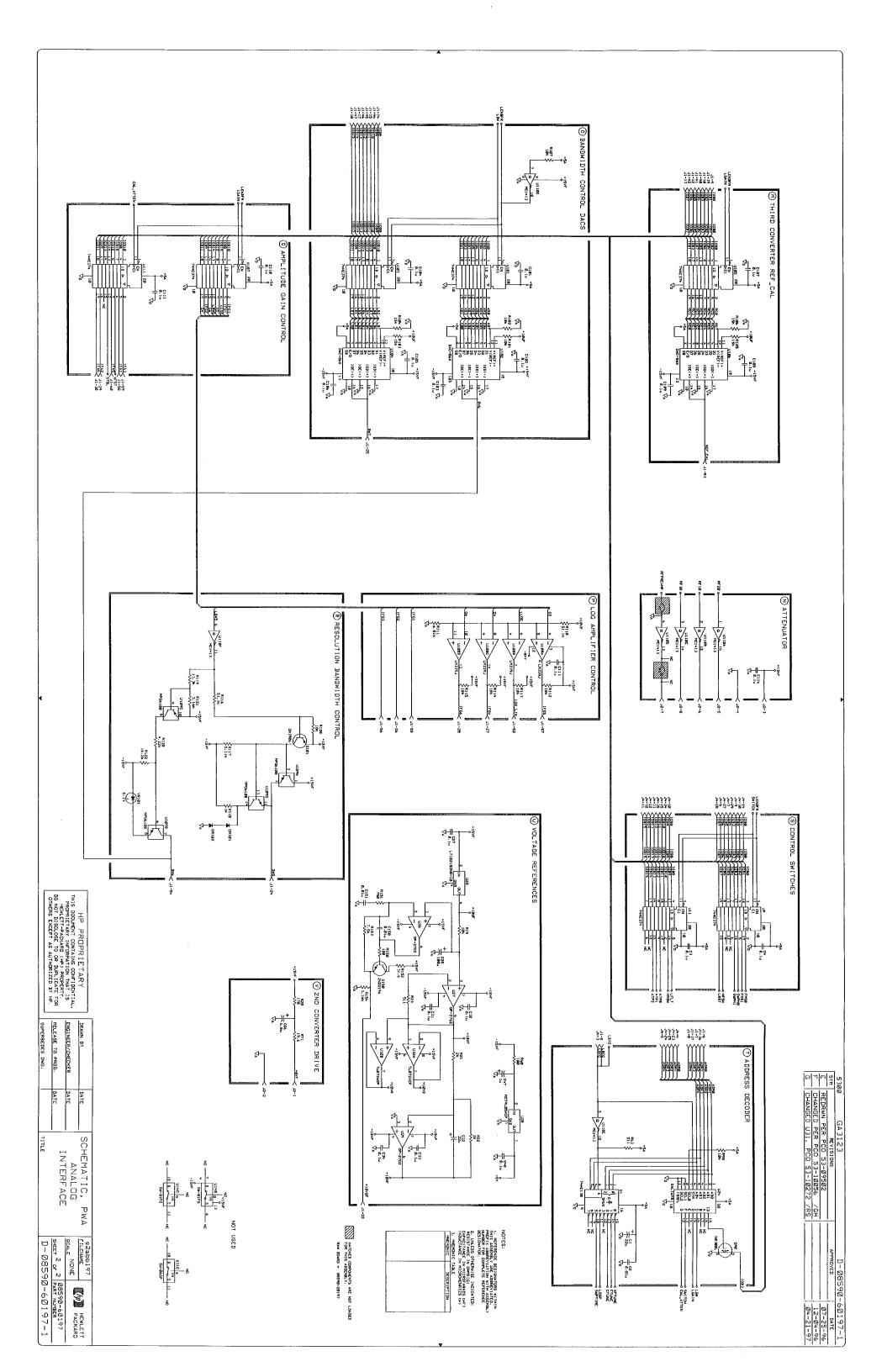
SHEET 1 OF 1 | 08590-60155 C-08590-60155-1

PACKARD

C-08590-60155-1







n182 [18] U186 U183 U164 U188 U3 de la -[C8] -[C7] -[C14] U7 [(C114) R21 _[15] -C12)d ve d US ŧ -C13 -613-Ĭ C17 -C16 -R17 (U18 C 2 2 2 0 7 (553) - (553 A-3123-53 O_{o} Оо

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OTHERS EXCEPT AS AUTHORIZED BY HP.

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN INCHES.

(2) US SHOWN FOR REFERENCE ONLY DO NOT LOAD

3. CHECK FOR MODIFICATIONS IN THE P.C. LINE
ASSETBLY DOCUMENTATION MANUAL A-085590-A7.

(4) THIS IS THE ONLY LEG THAT NEEDS TO BE
PULLED UP.

UNLESS OTHERWISE SPECIFIED.

DIMENSIONS ARE IN INCHES.

TOLERANCES: XX.XXX ±.010

XX.XX ±.02 THIRD ANGLE THIS DRAWING DR'AWN BY ENGINEER/CHECKER SUPERSEDES DWG. RELEASE TO PROD.

09-03-93 DATE 09-03-93

ASSEMBLY, PWB FILENAME
ANALOG
INTERFACE BOARD SCALE NONE

PACKARD

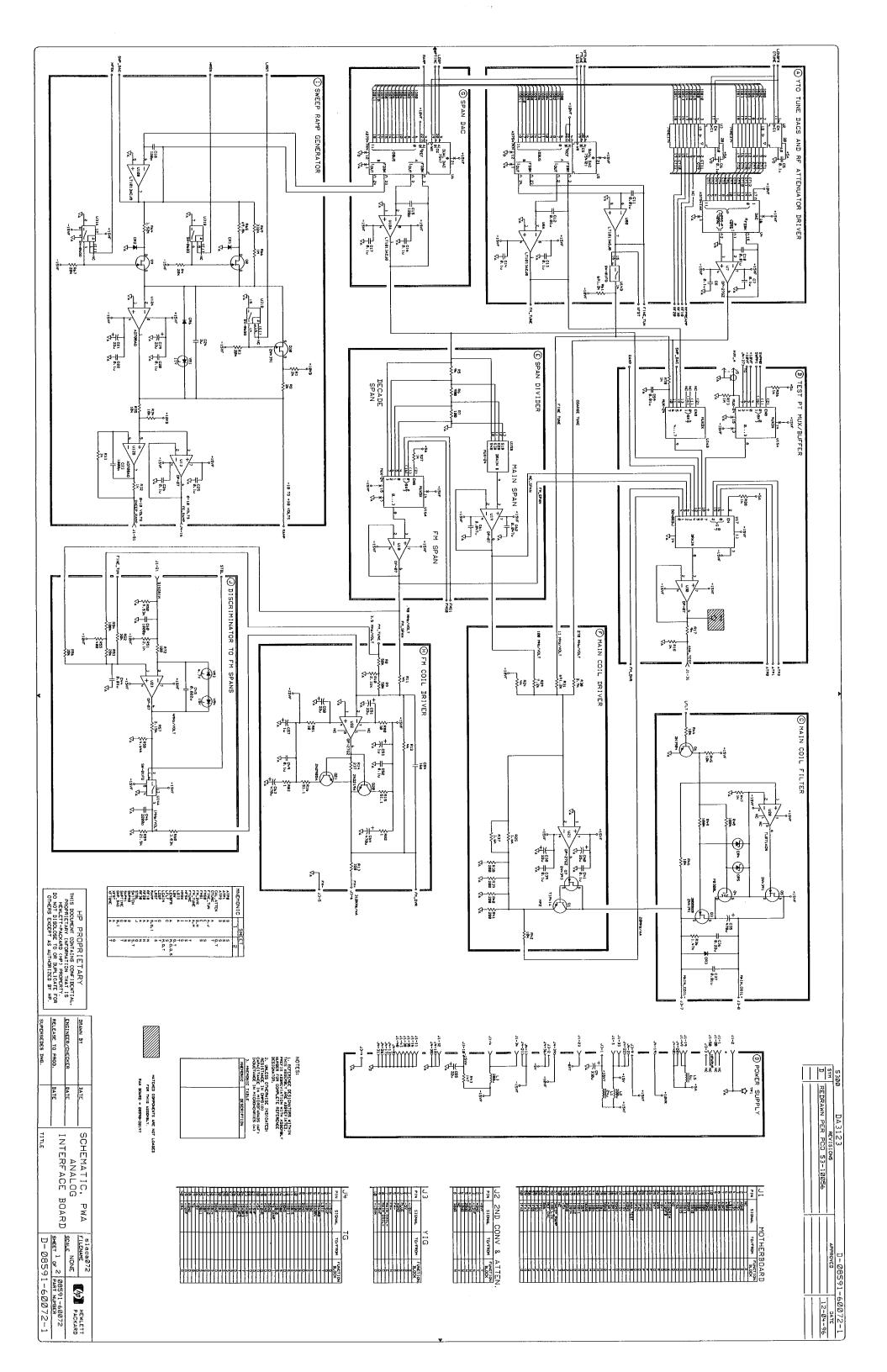
SHEET 1 OF 1 08591-60072
D-08591-60072-2

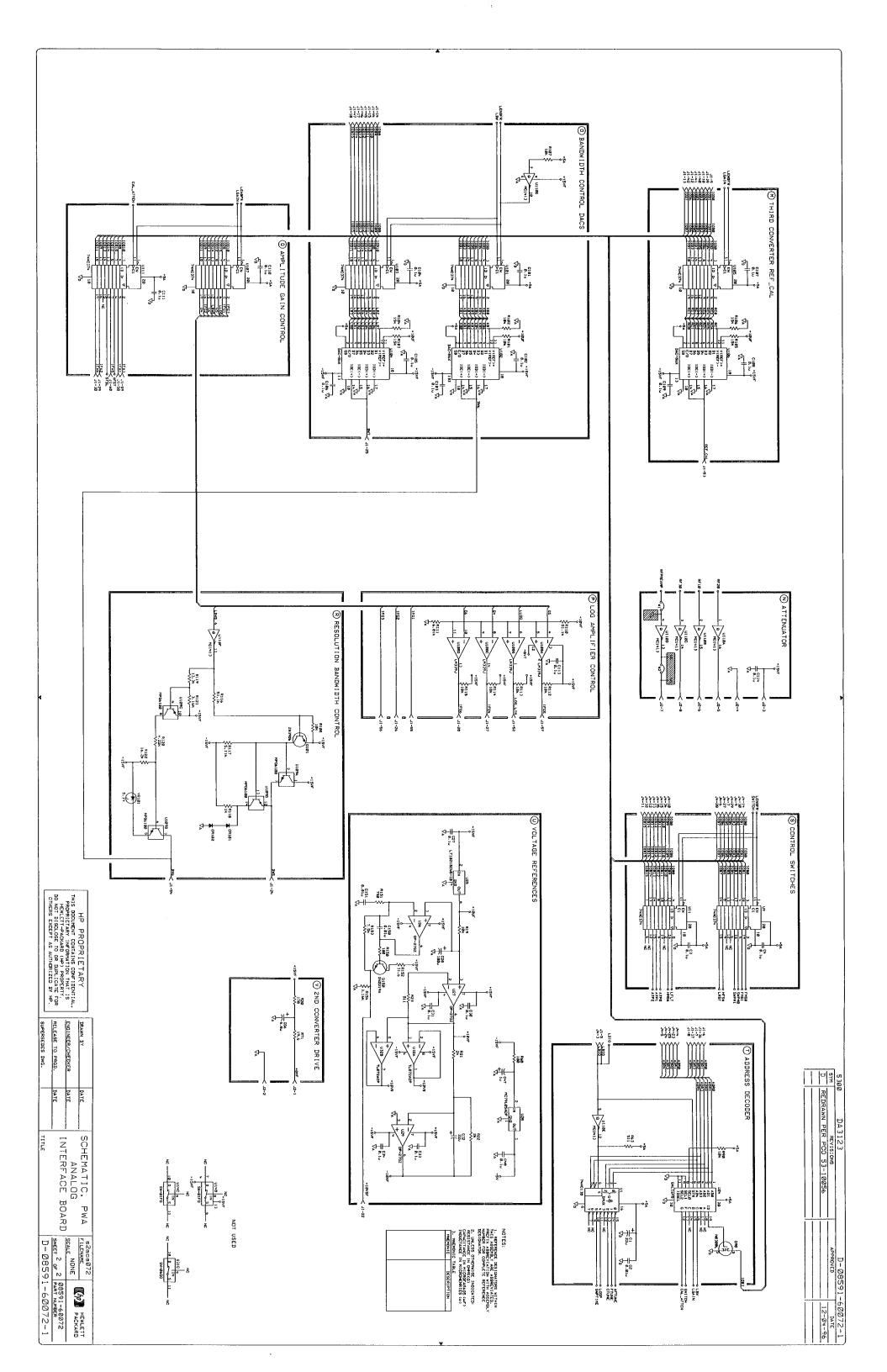
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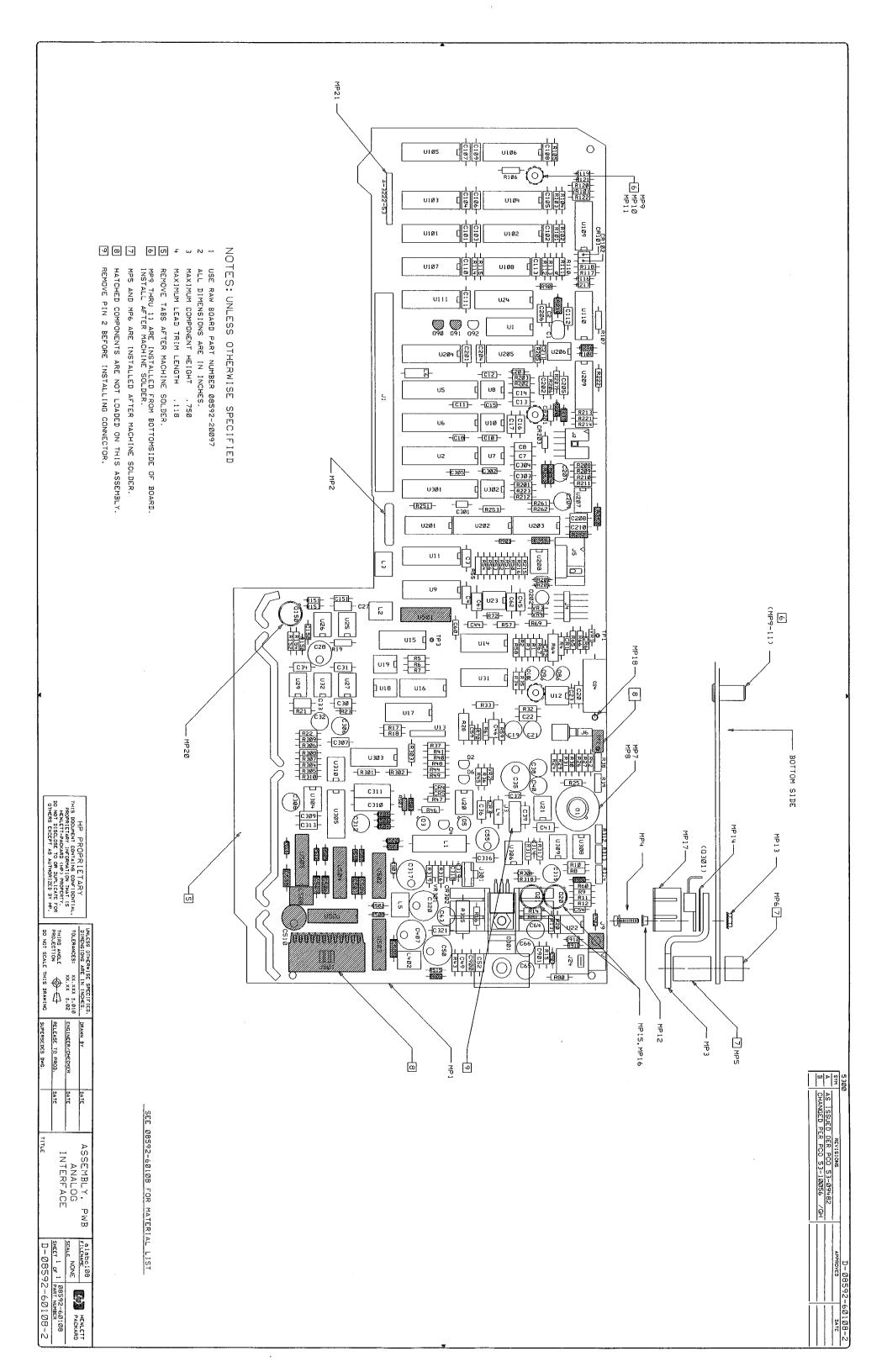
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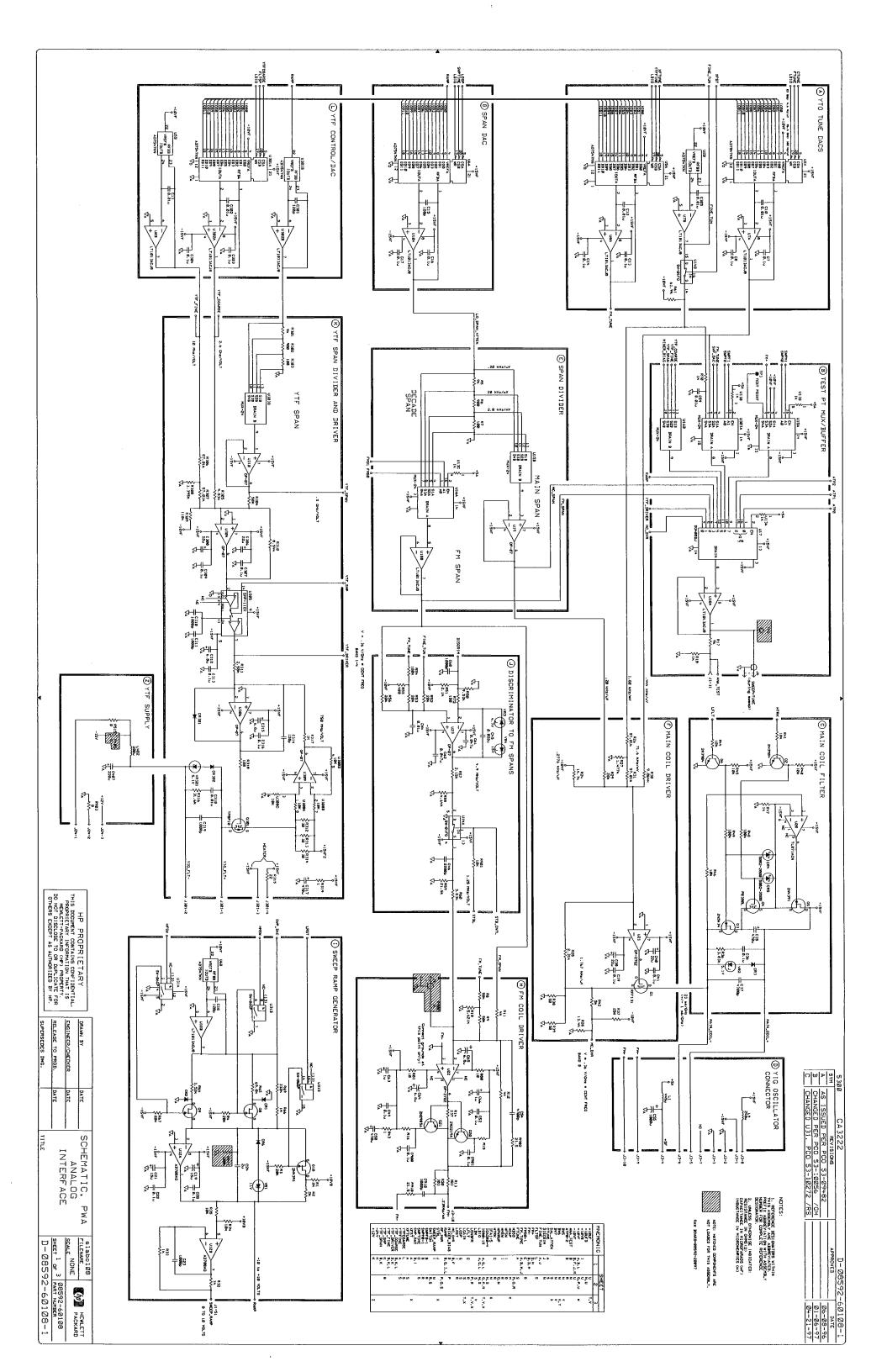
SEE 08591-60072 MATERIAL LIST

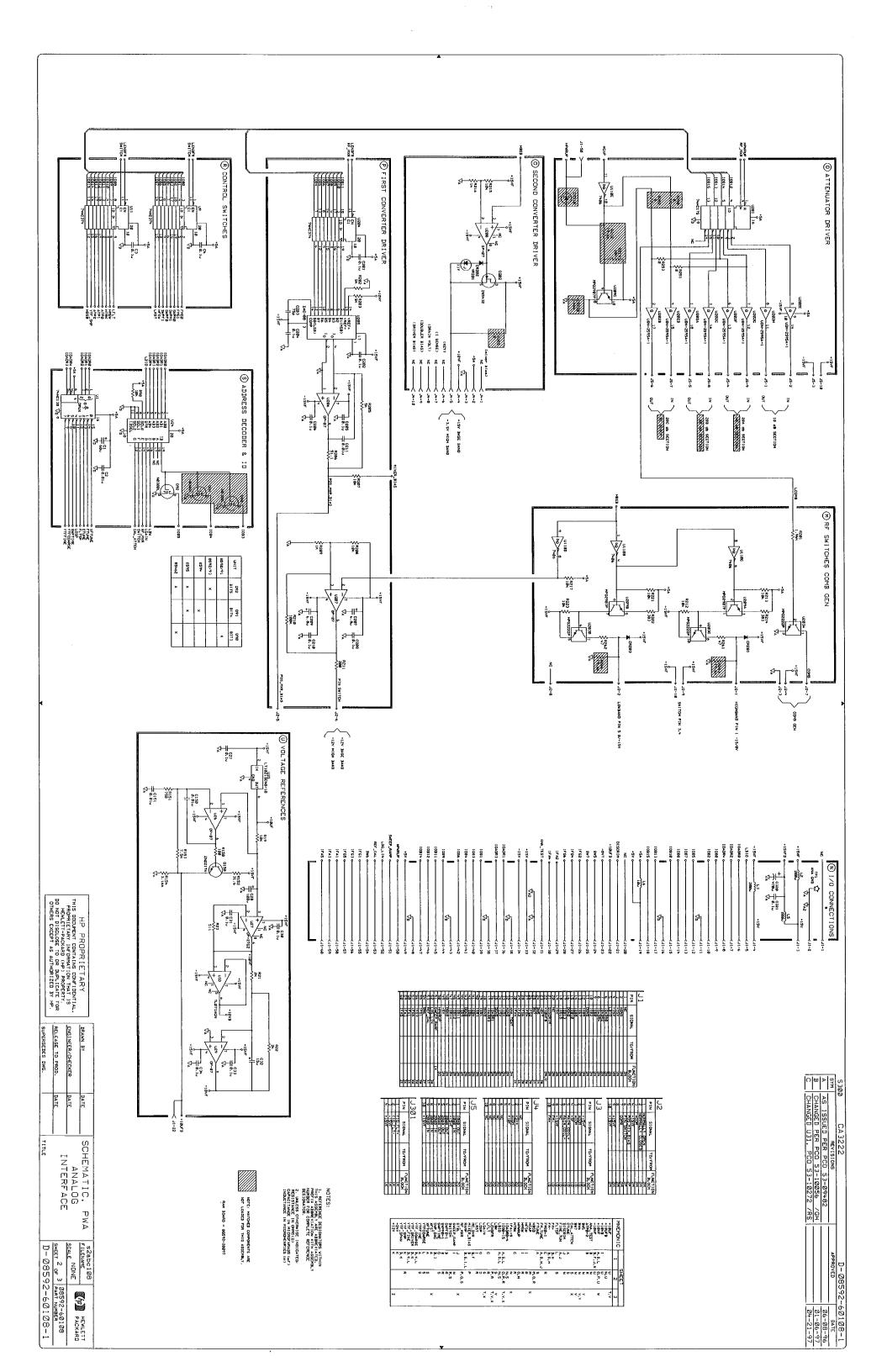
| SYM | AS ISSUED |

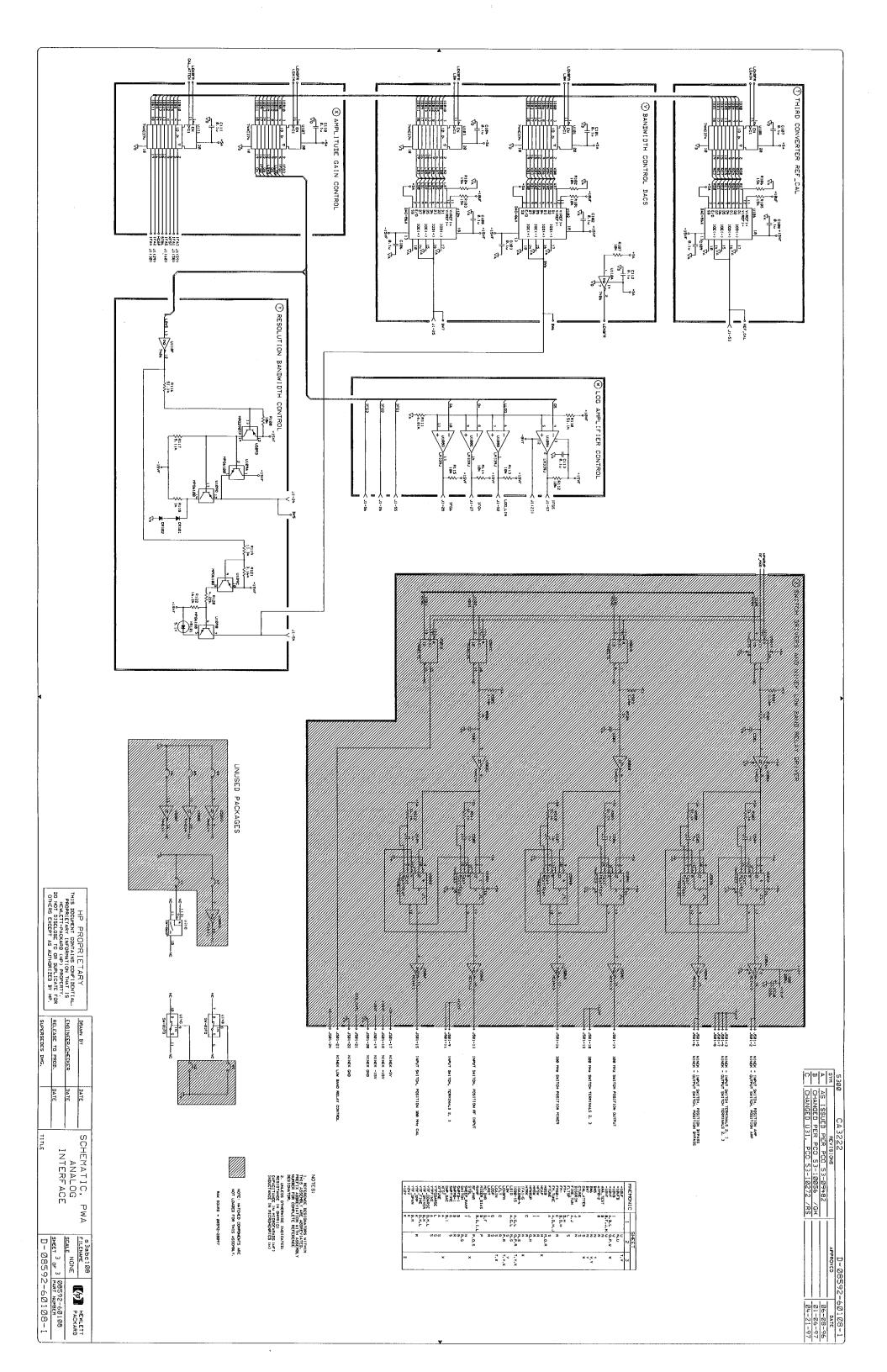


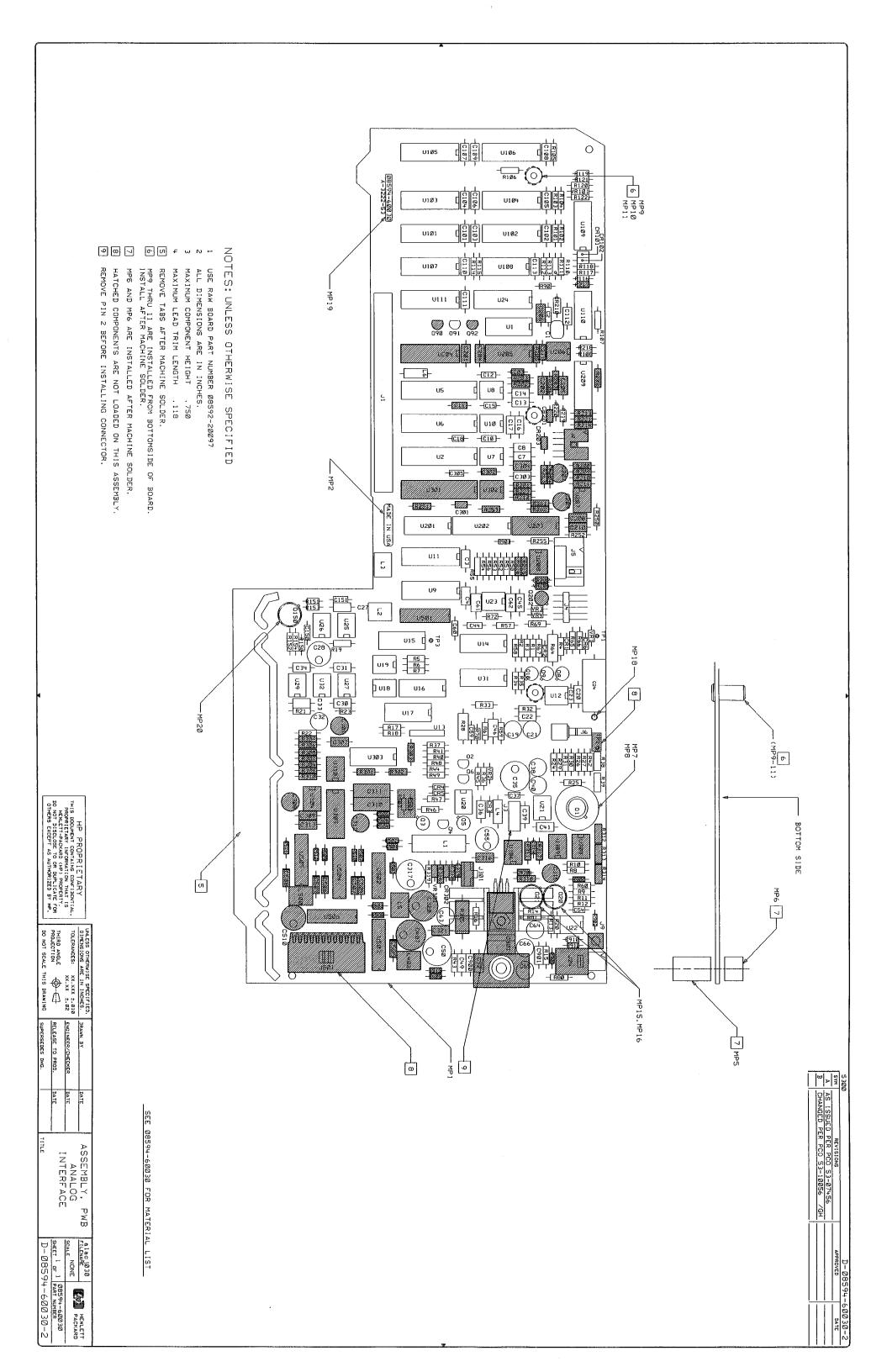


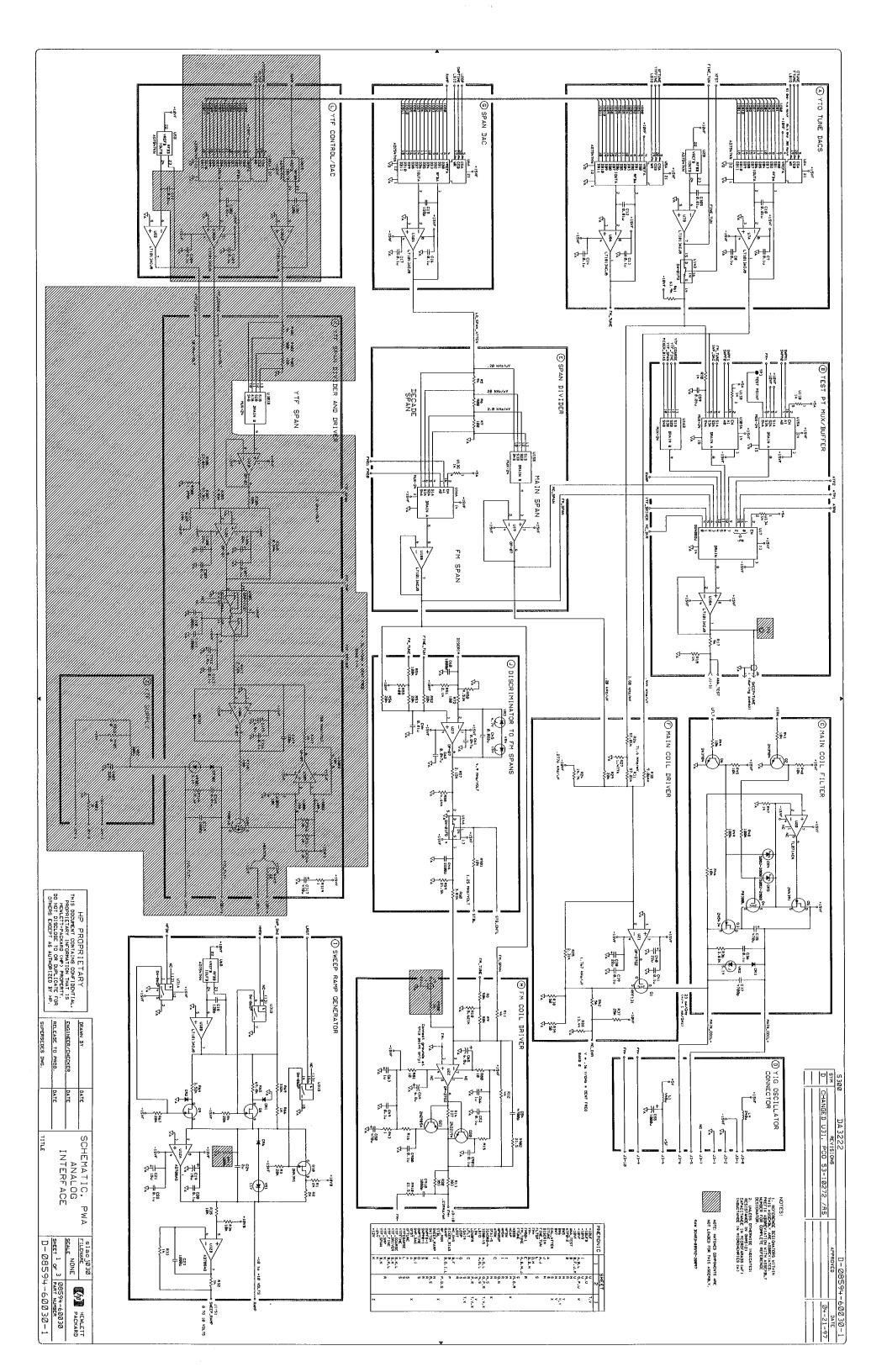


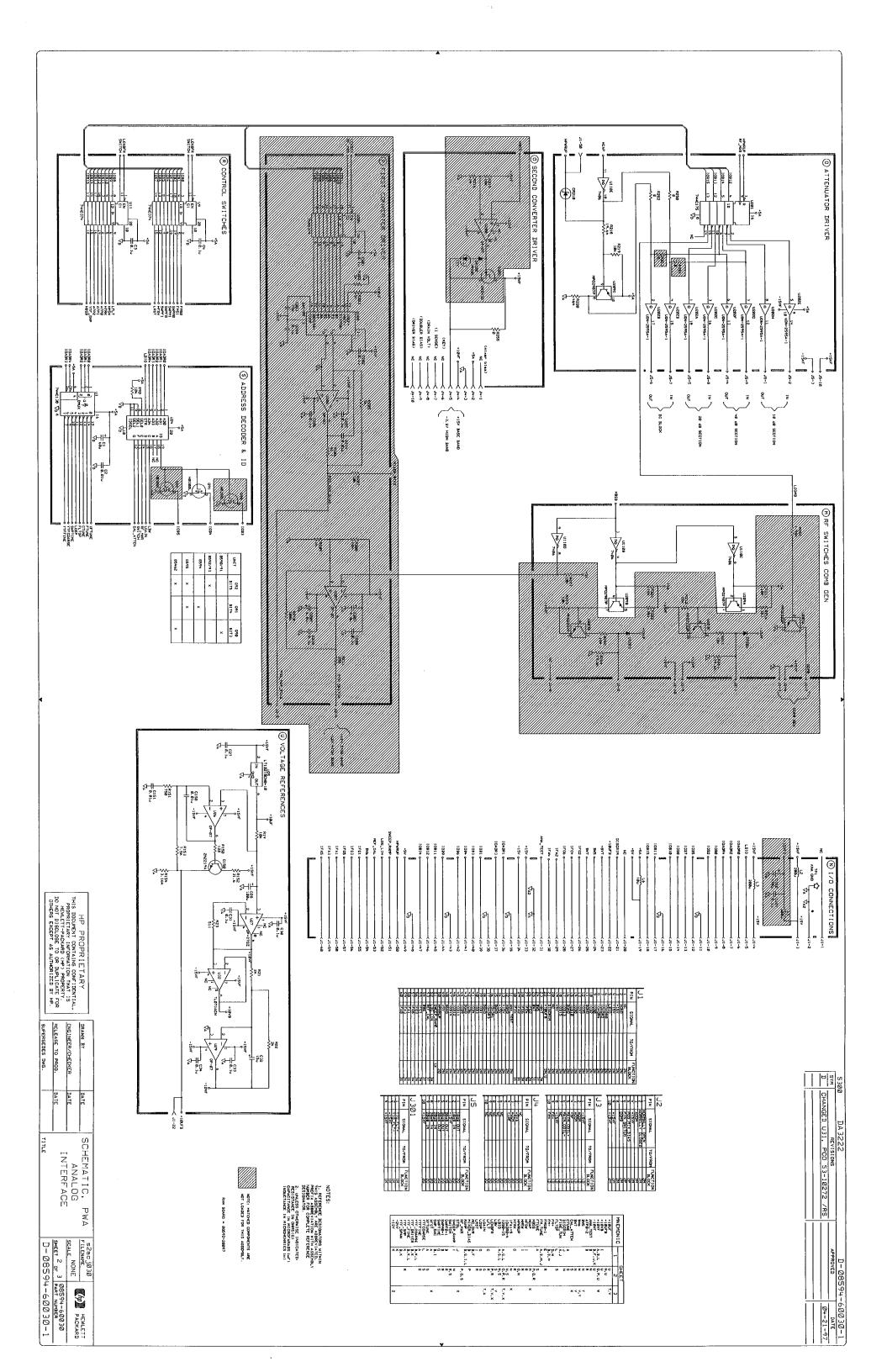


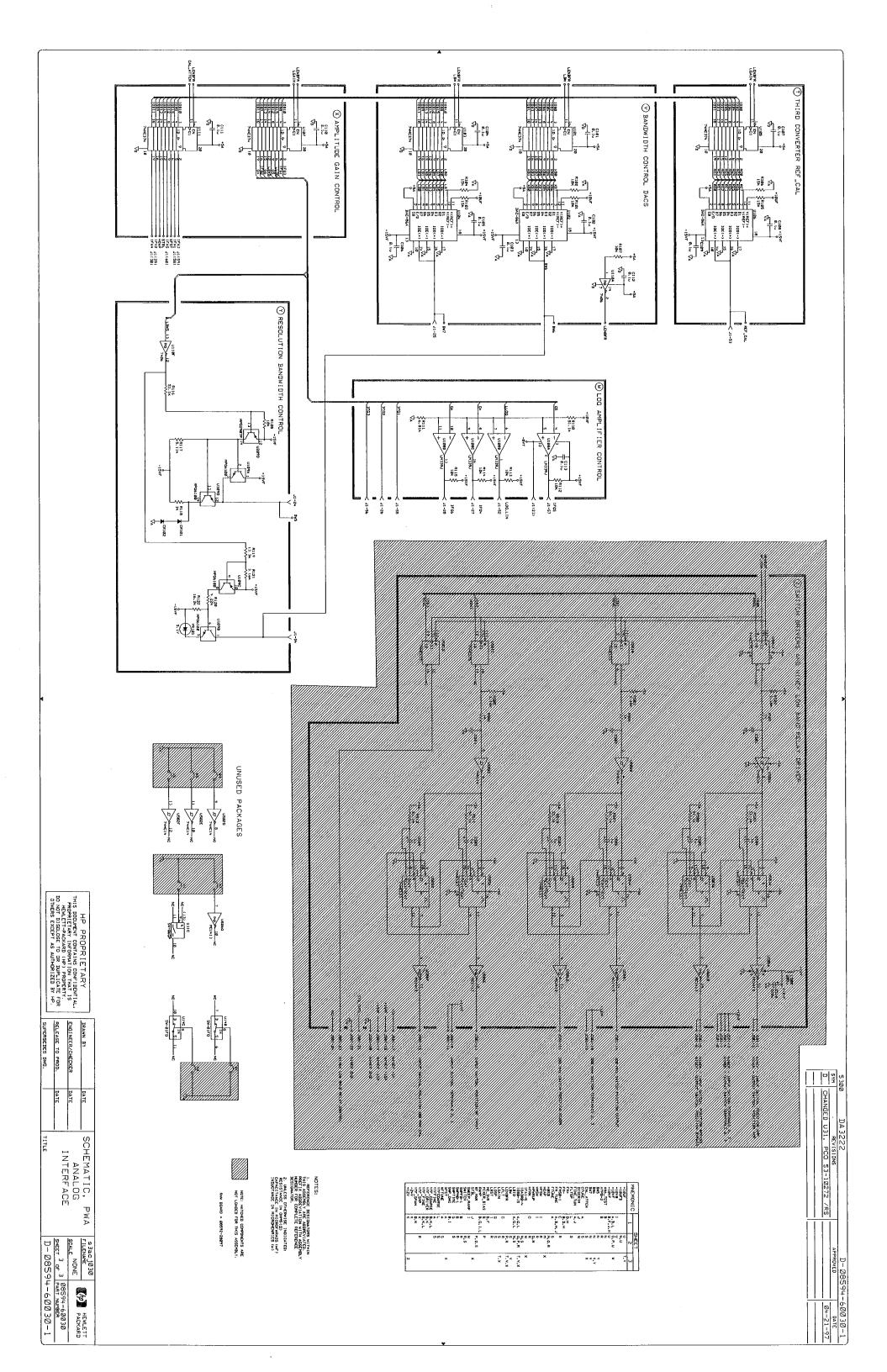


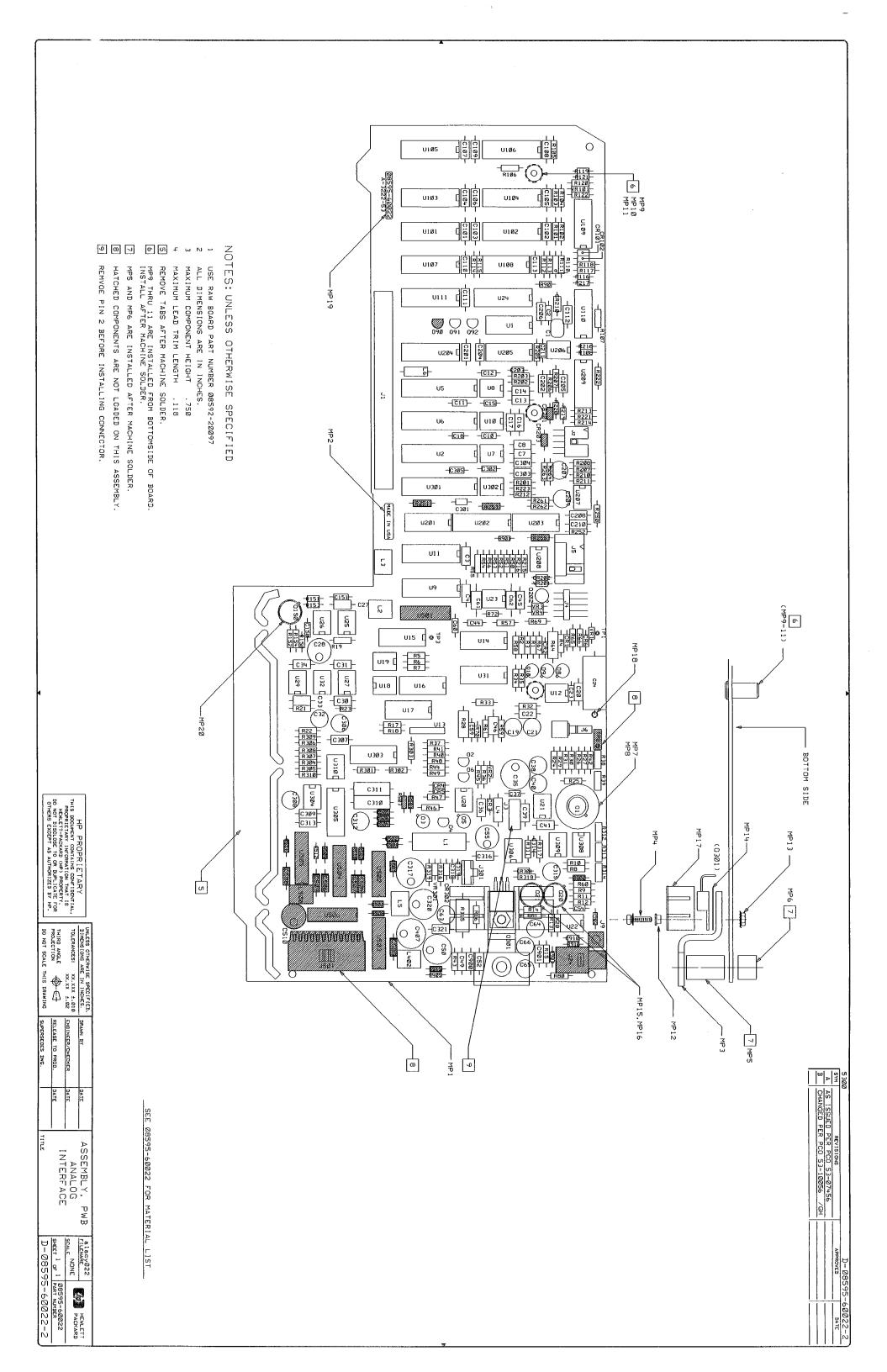


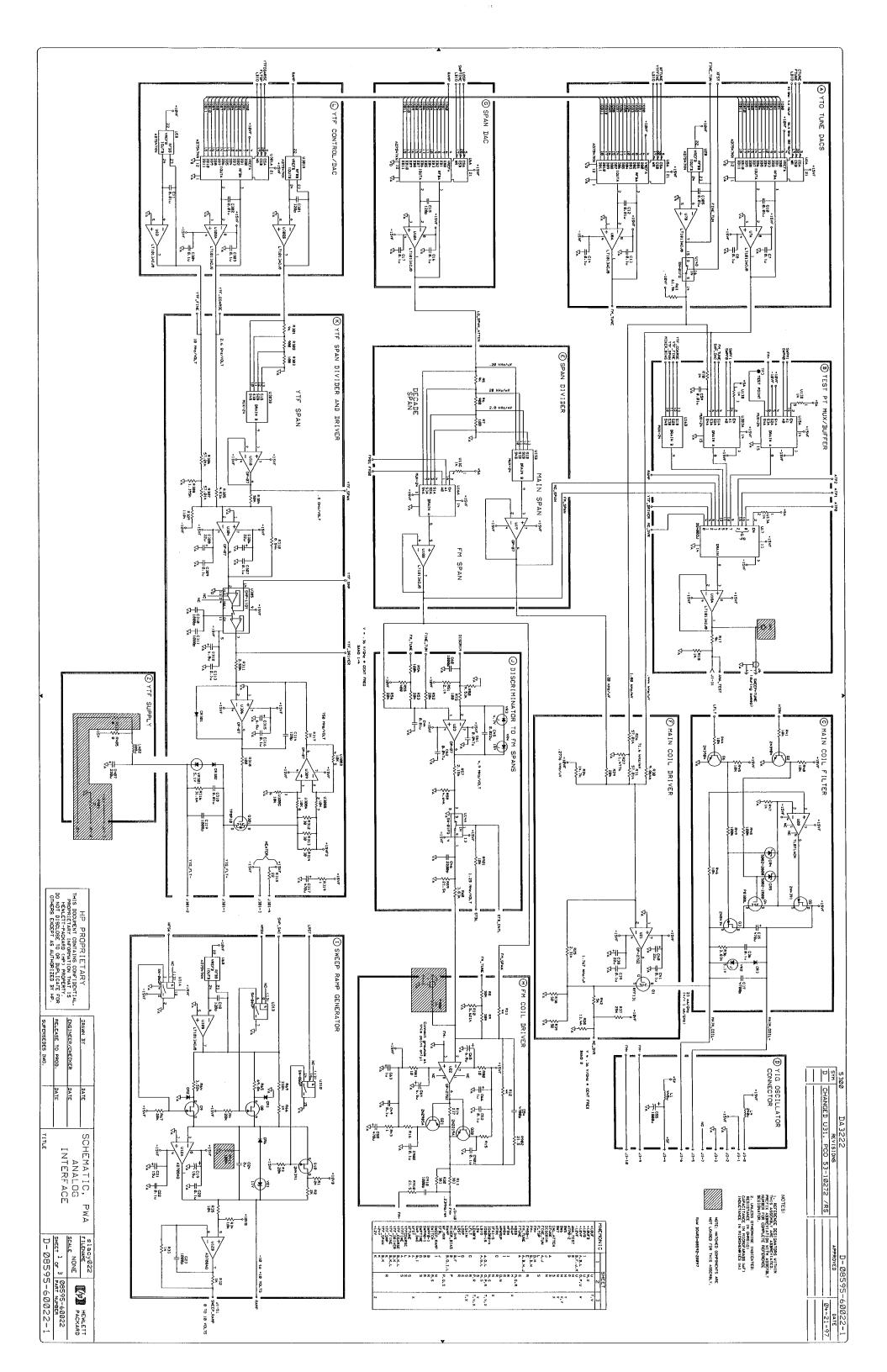


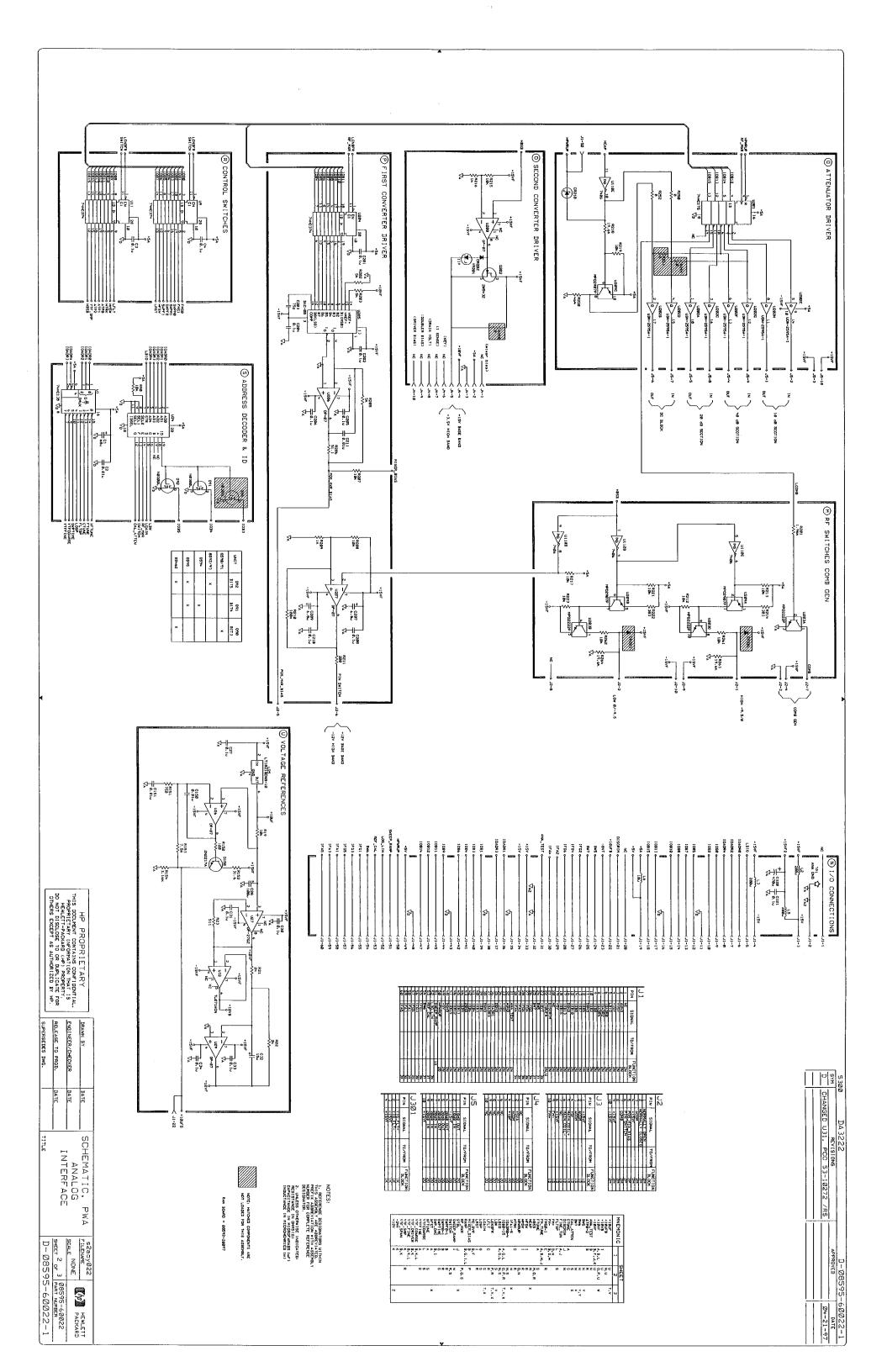


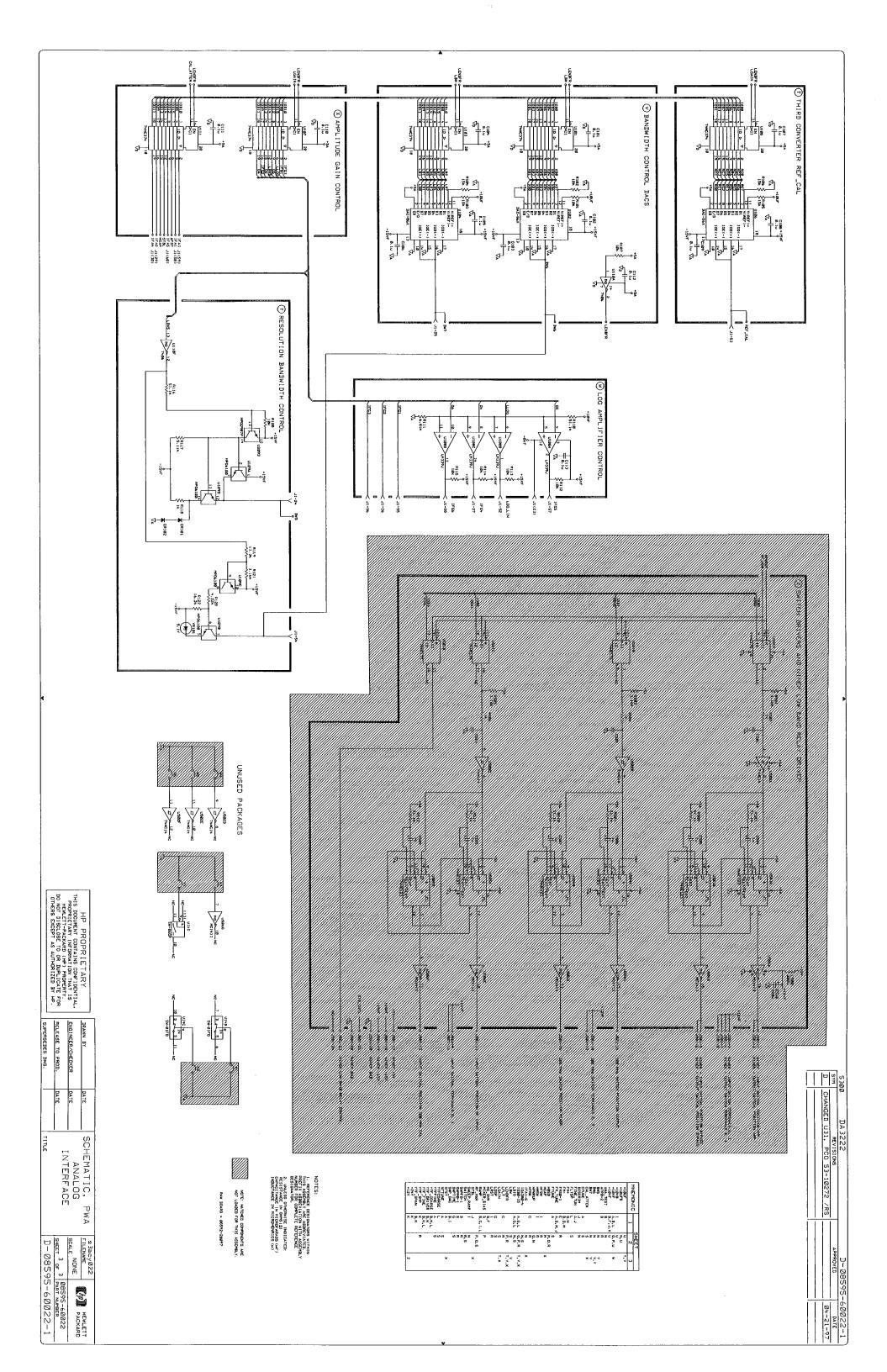


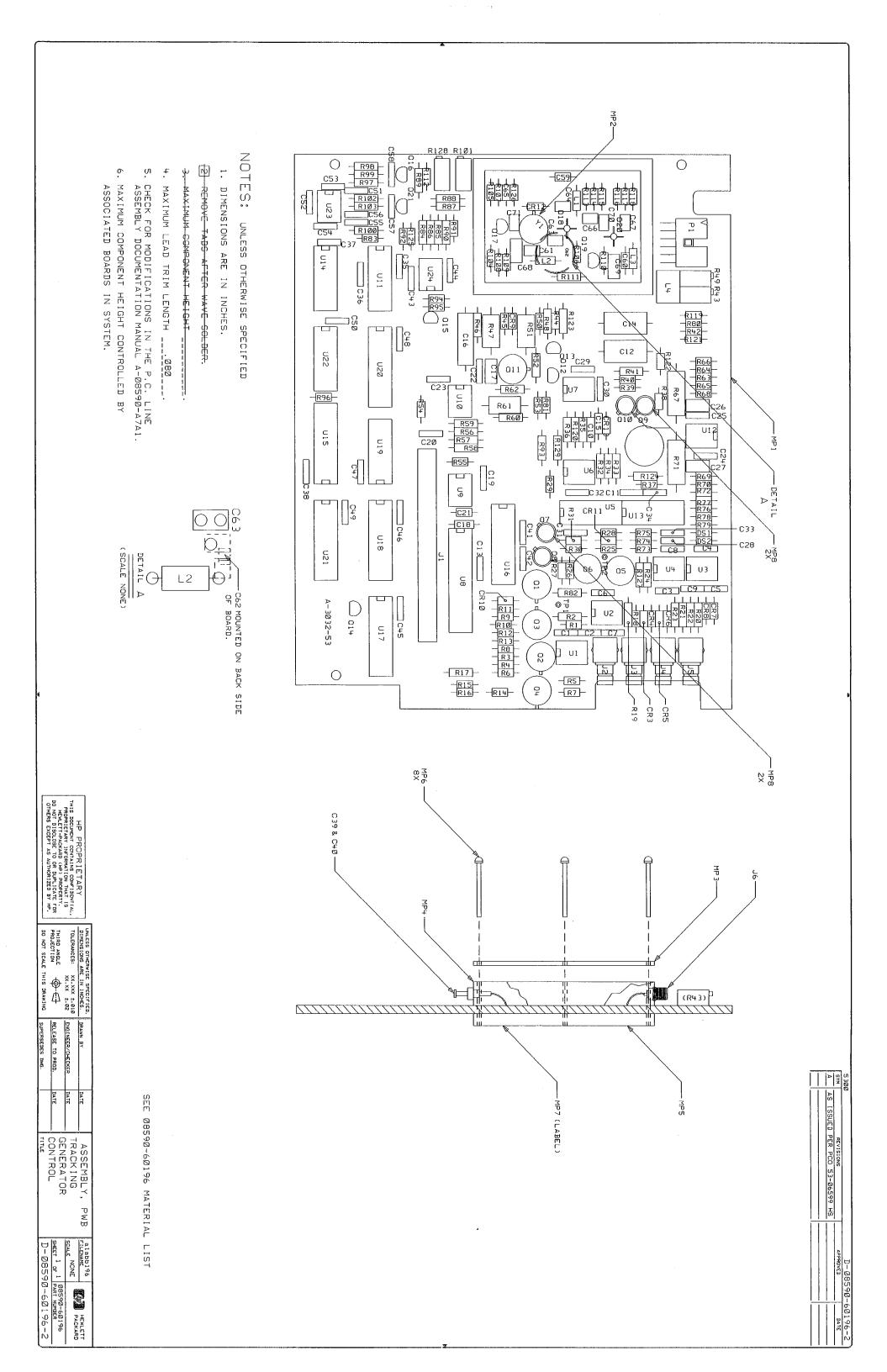


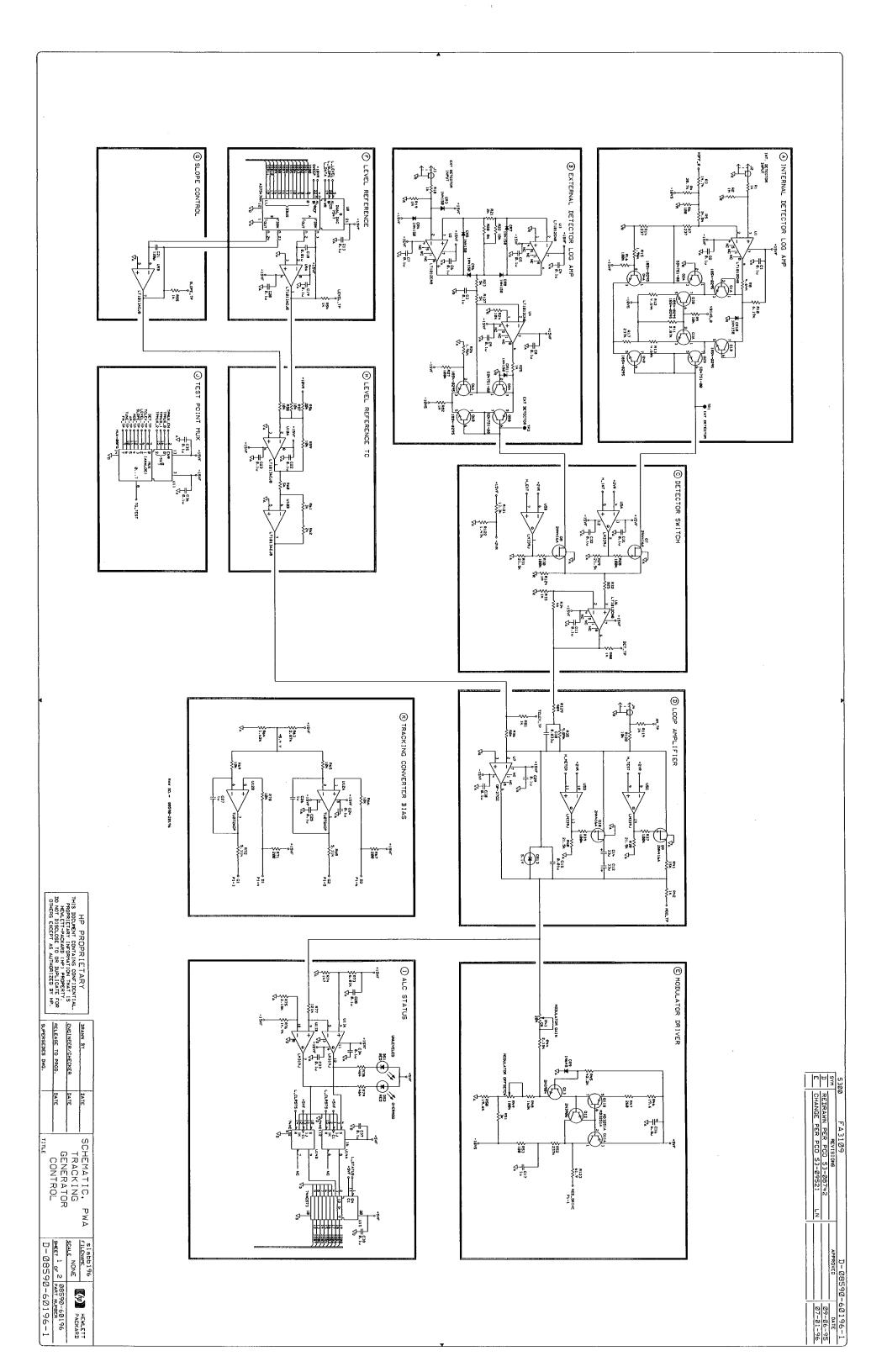


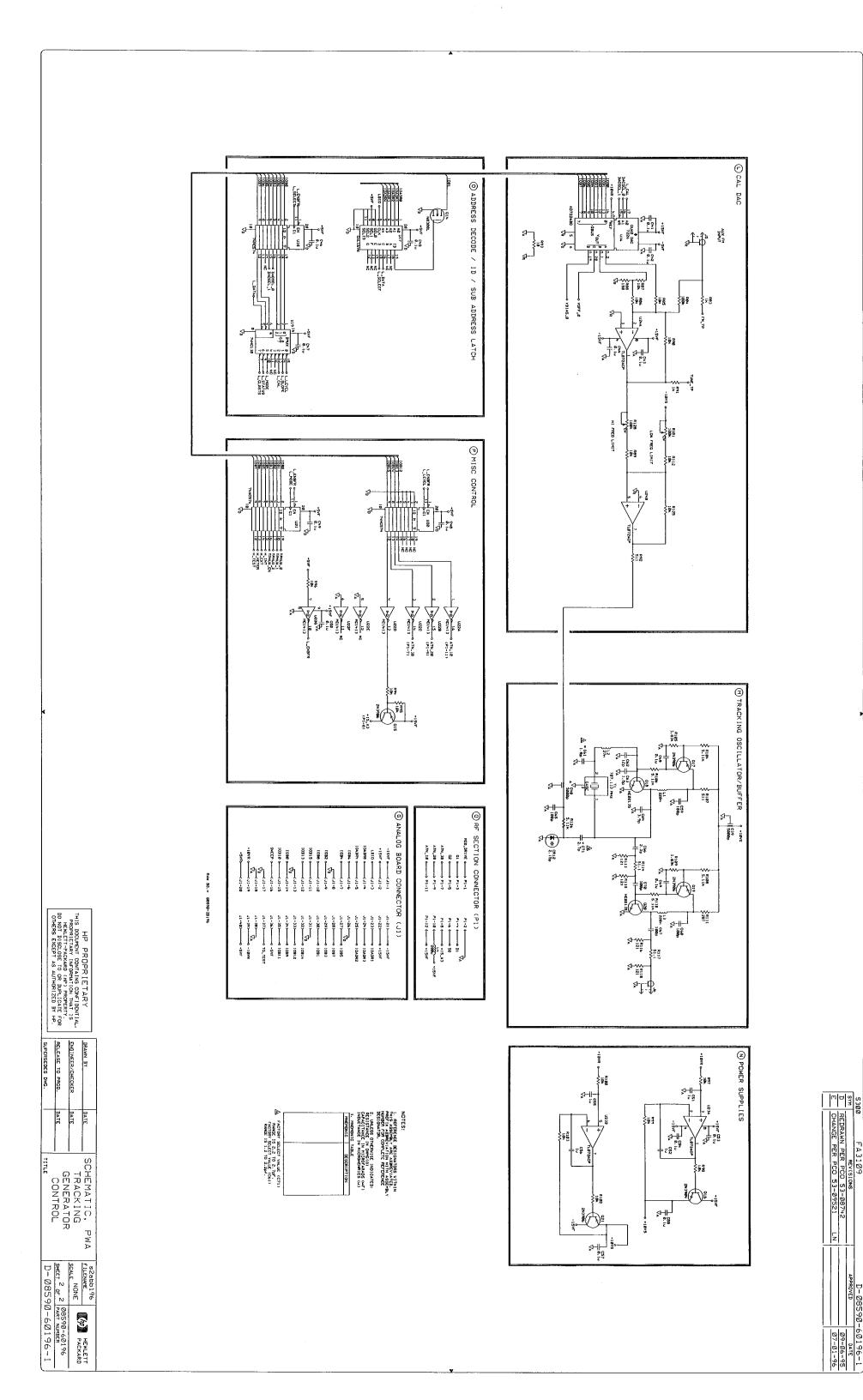


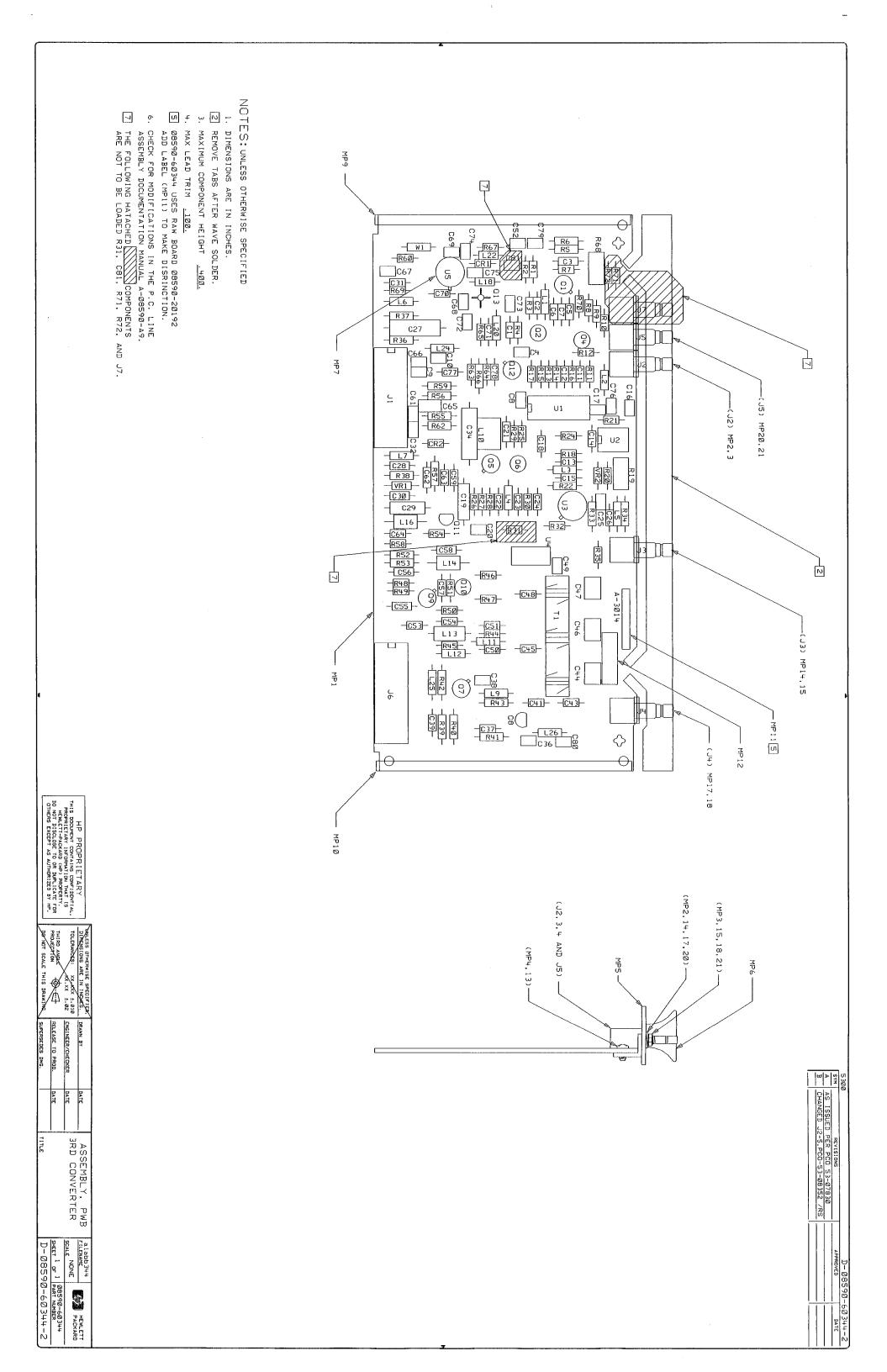


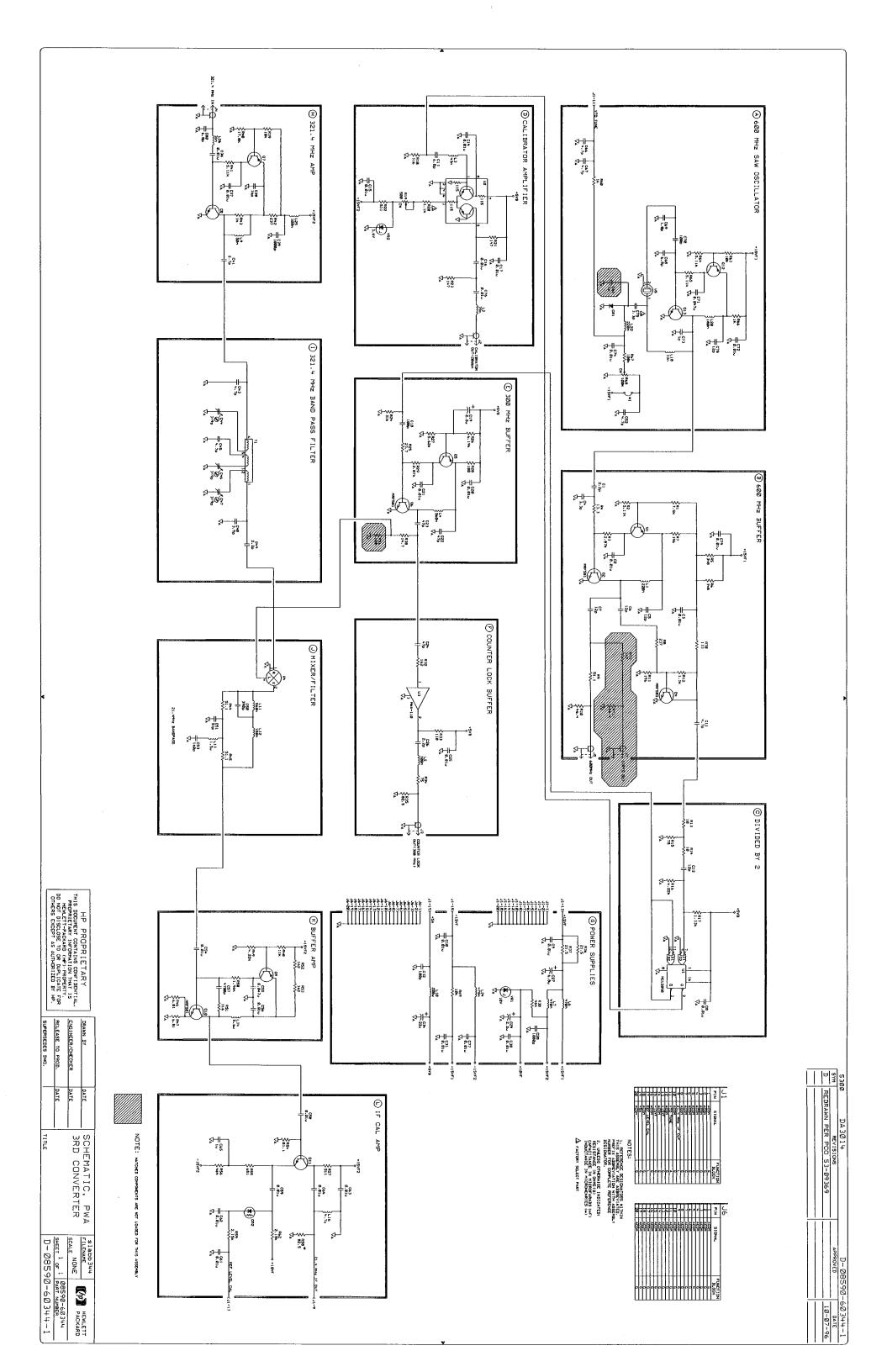


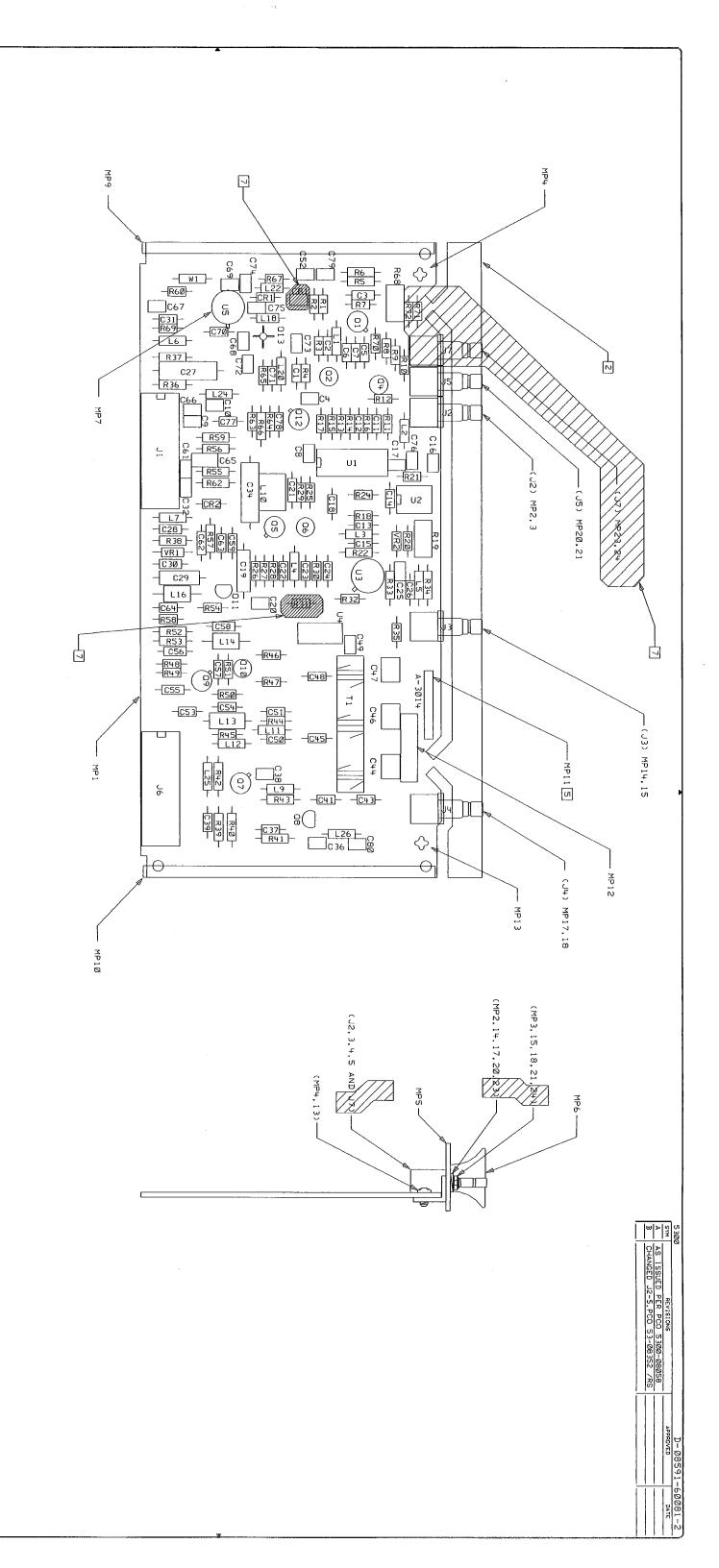












NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN INCHES.

2 REMOVE TABS AFTER WAVE SOLDER.
3. MAXIMUM COMPONENT HEIGHT .400.

4. MAX LEAD TRIM .100.

S 08591-60081 USES RAW BOARD 08590-20192
ADD LABEL (MP11) TO MAKE DISTINCTION.
6. CHECK FOR MODIFICATIONS IN THE P.C. LINE ASSEMBLY DOCUMENTATION MANUAL A-08590-A9.

7

COMPONENTS HATCHED WILLIAM ARE NOT TO BE LOADED ON THIS ASSEMBLY.

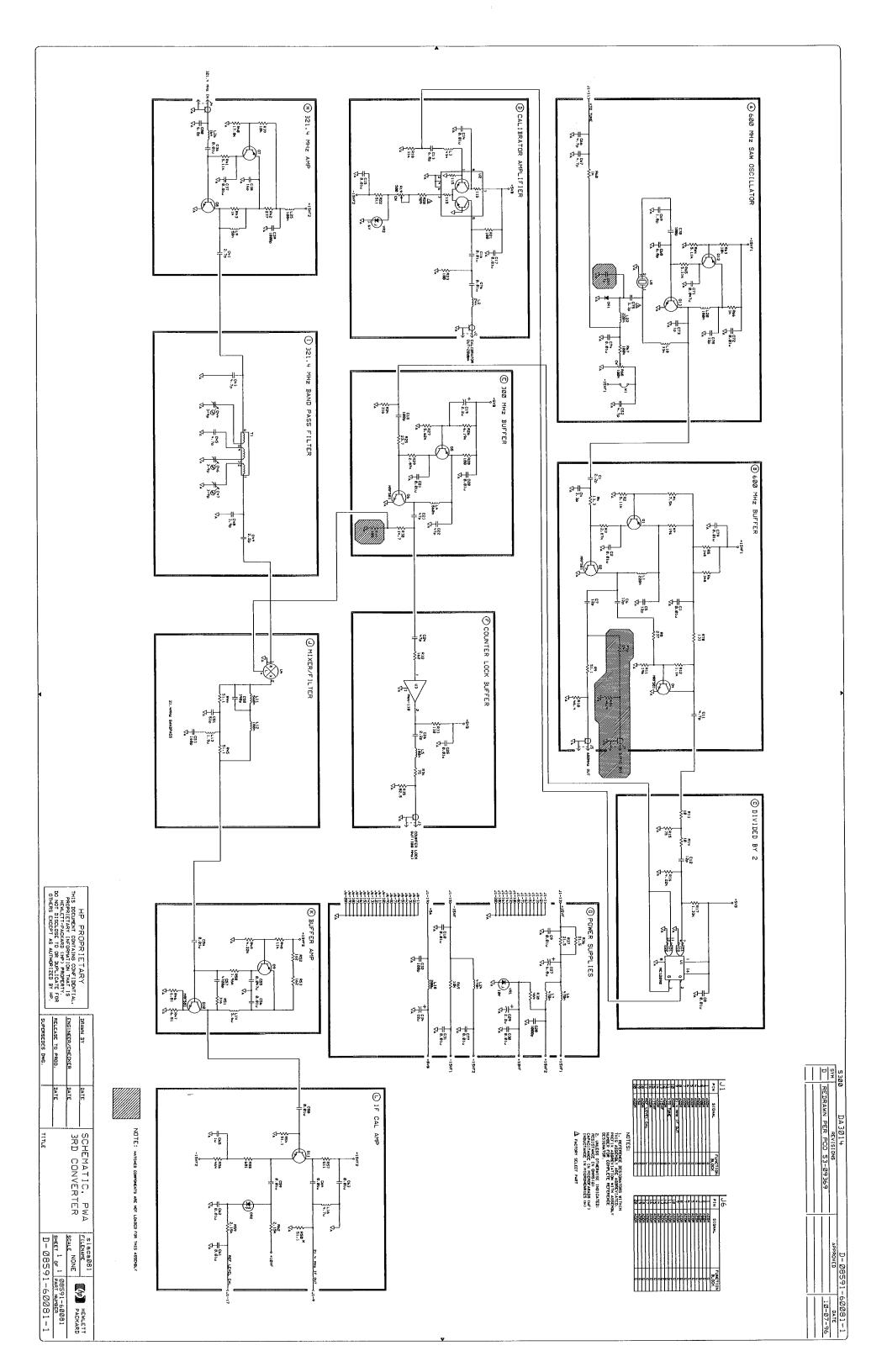
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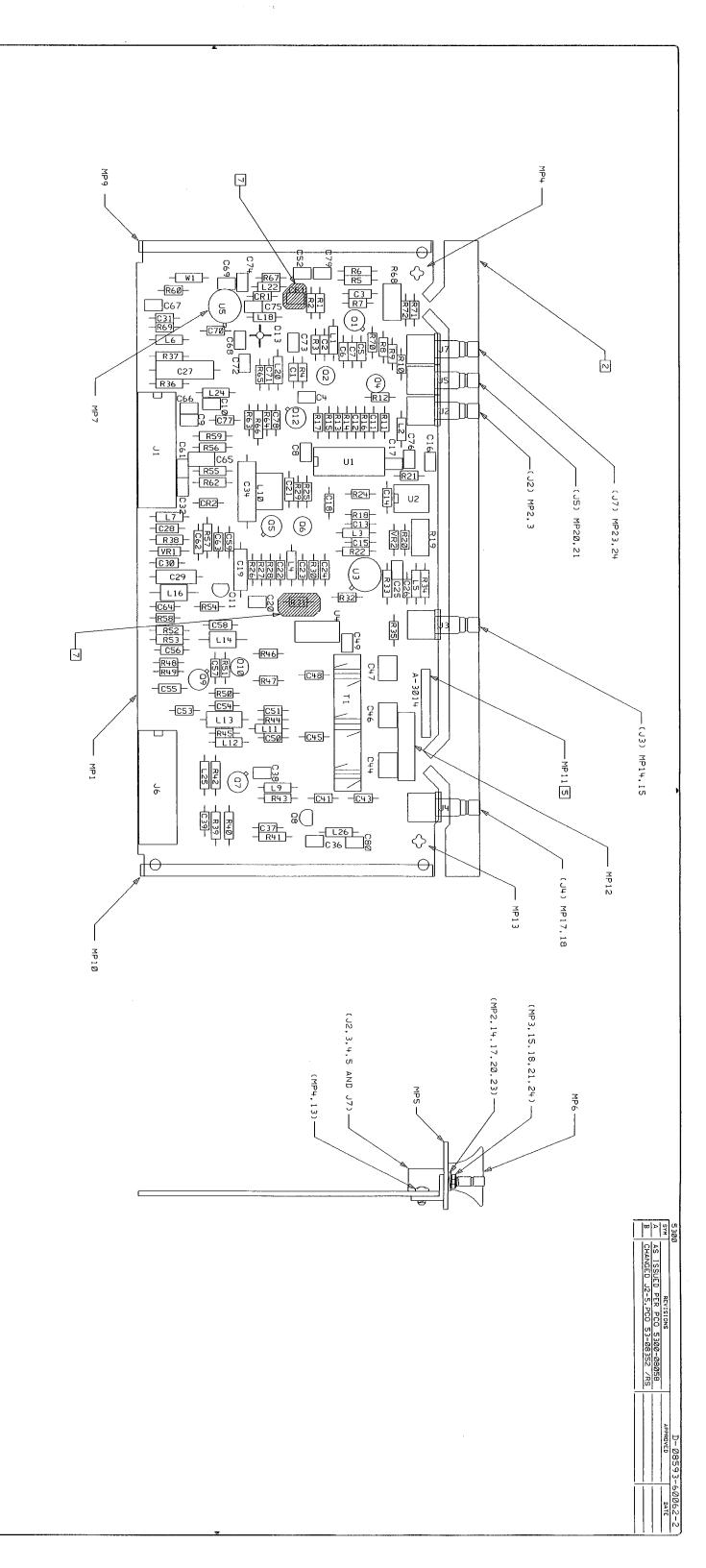
SUPERSEDES DWG RELEASE TO PROD. ENGINEER/CHECKER

DATE DATE ASSEMBLY, PWB 3RD CONVERTER SEE 08591-60081 MATERIAL LIST

SHEET 1 OF 1 | 28591-60081 D-08591-60081-2

FILENAME HEMLETT
SCALE NONE





1. DIMENSIONS ARE IN INCHES.

2 REMOVE TABS AFTER WAVE SOLDER.

3. MAXIMUM COMPONENT HEIGHT 1400.

4. MAX LEAD TRIM 1100.

5 08593-60062 USES RAW BOARD 08590-1

7

6. CHECK FOR MODIFICATIONS IN THE P.C. LINE ASSEMBLY DOCUMENTATION MANUAL A-08590-A9.

COMPONENTS HATCHED NAME NOT TO BE LOADED ON THIS ASSEMBLY.

08593-60062 USES RAW BOARD 08590-20192 ADD LABEL (MP11) TO MAKE DISTINCTION.

NOTES: UNLESS OTHERWISE SPECIFIED

ENGINEER/CHECKER SUPERSEDES DWG. RELEASE TO PROD. DATE

DRAWN BY

DATE DATE ASSEMBLY, PWB 3RD CONVERTER

SEE 08593-60062 MATERIAL LIST

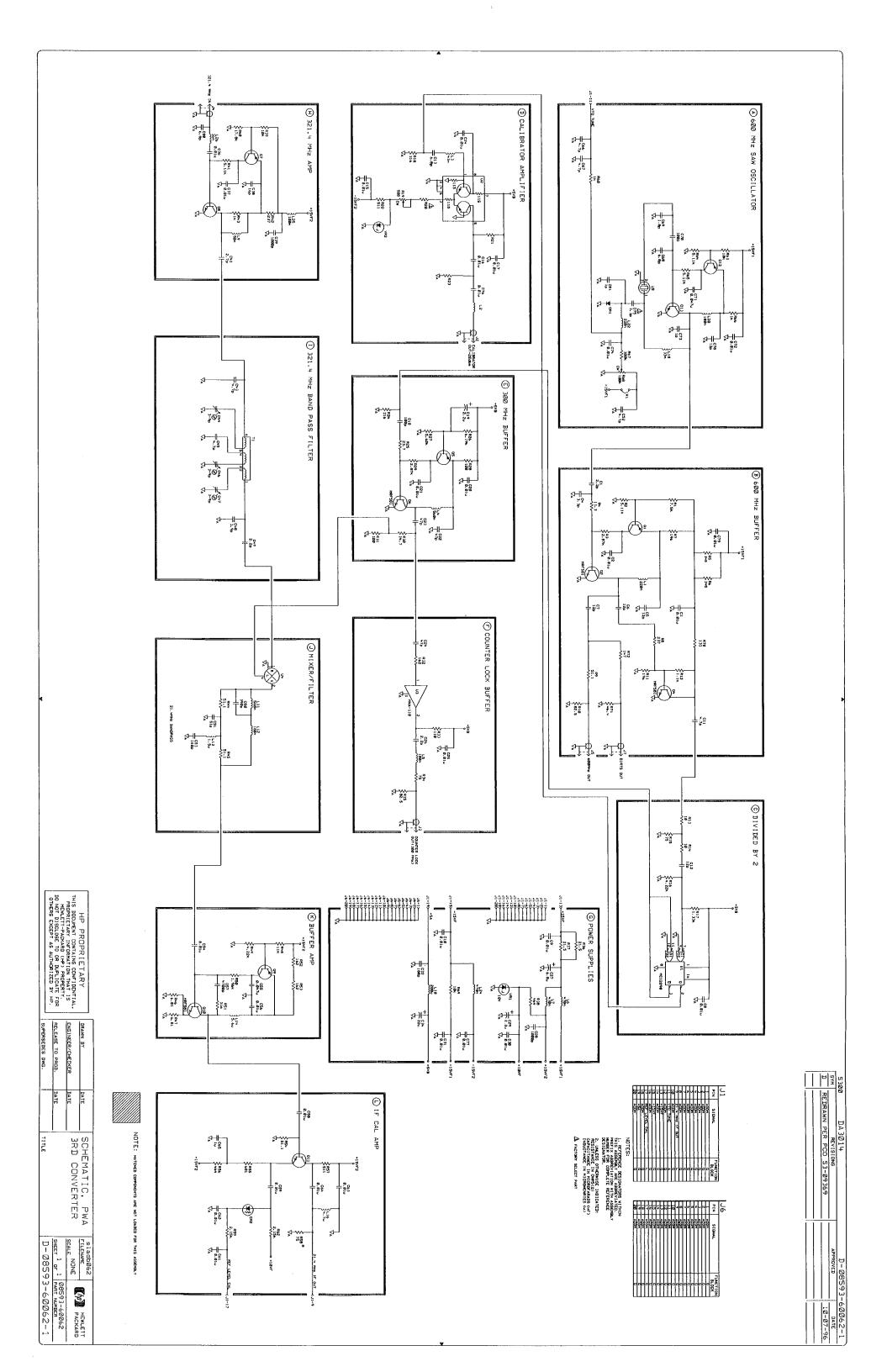
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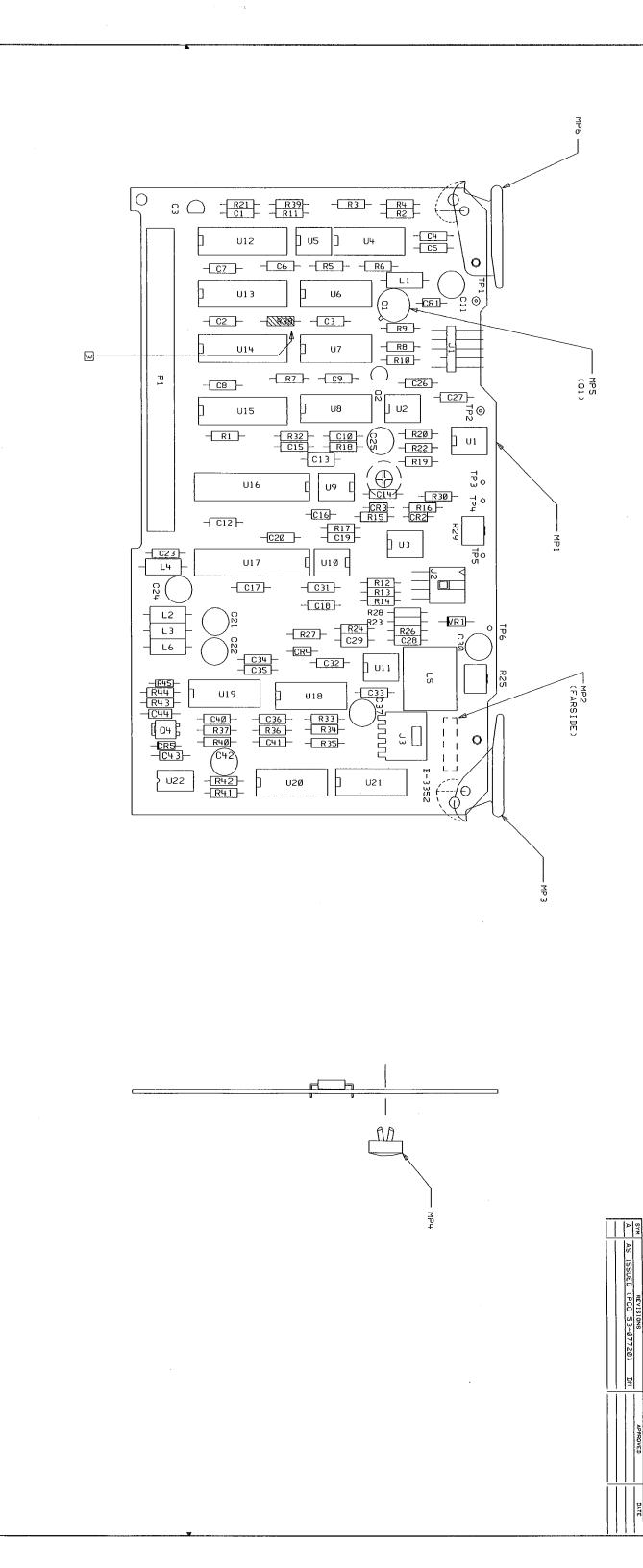
FILENAME

SCALE NONE

PACKARD

SHEET 1 OF 1 | Ø8593-60062 D-08593-60062-2





TOLERANCES: XX.XXX ± 818
THIRD ANGLE
PROJECTION
DO NOT SCALE THIS DRAWING

NOTES: UNLESS OTHERWISE SPECIFIED

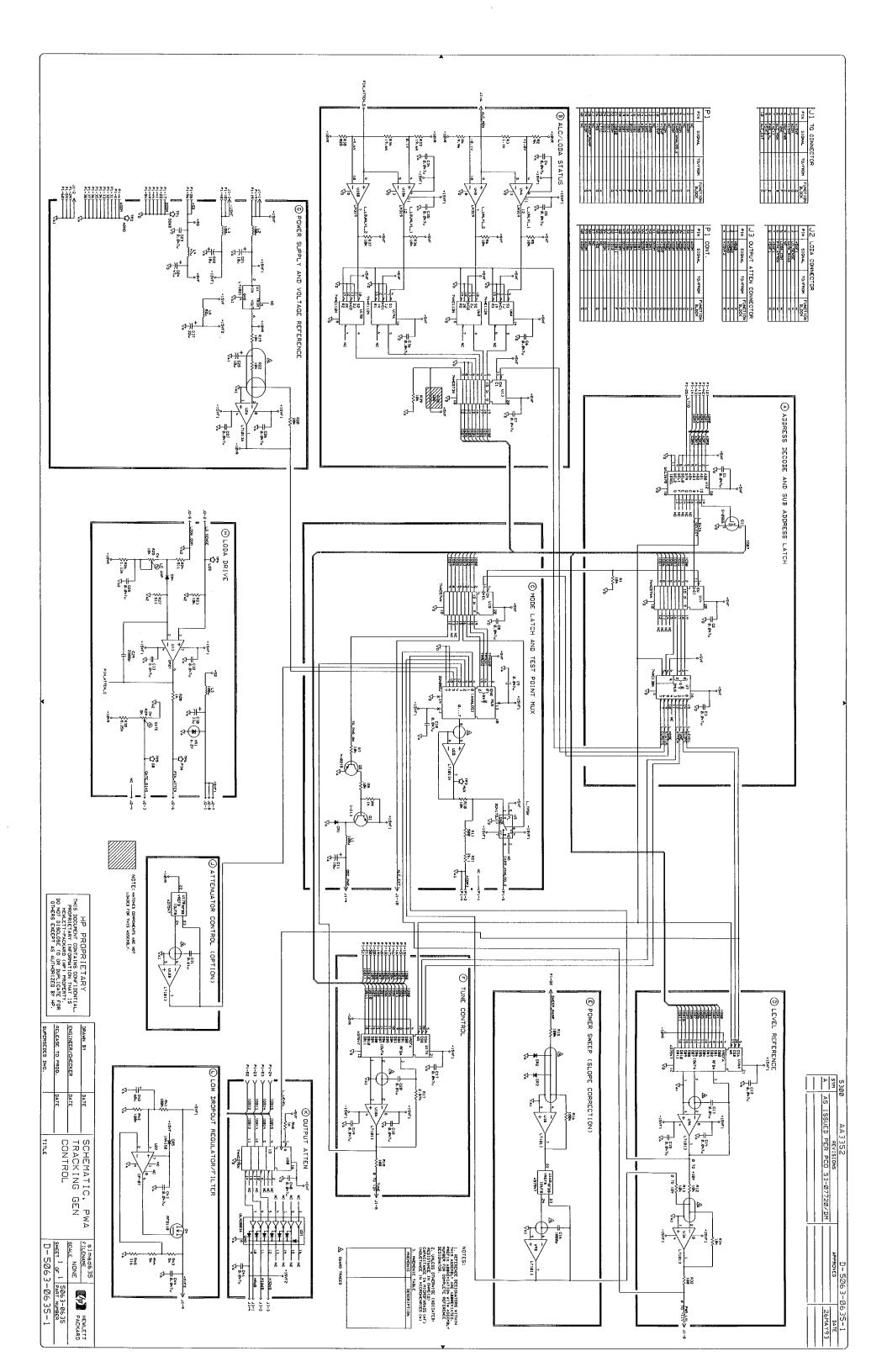
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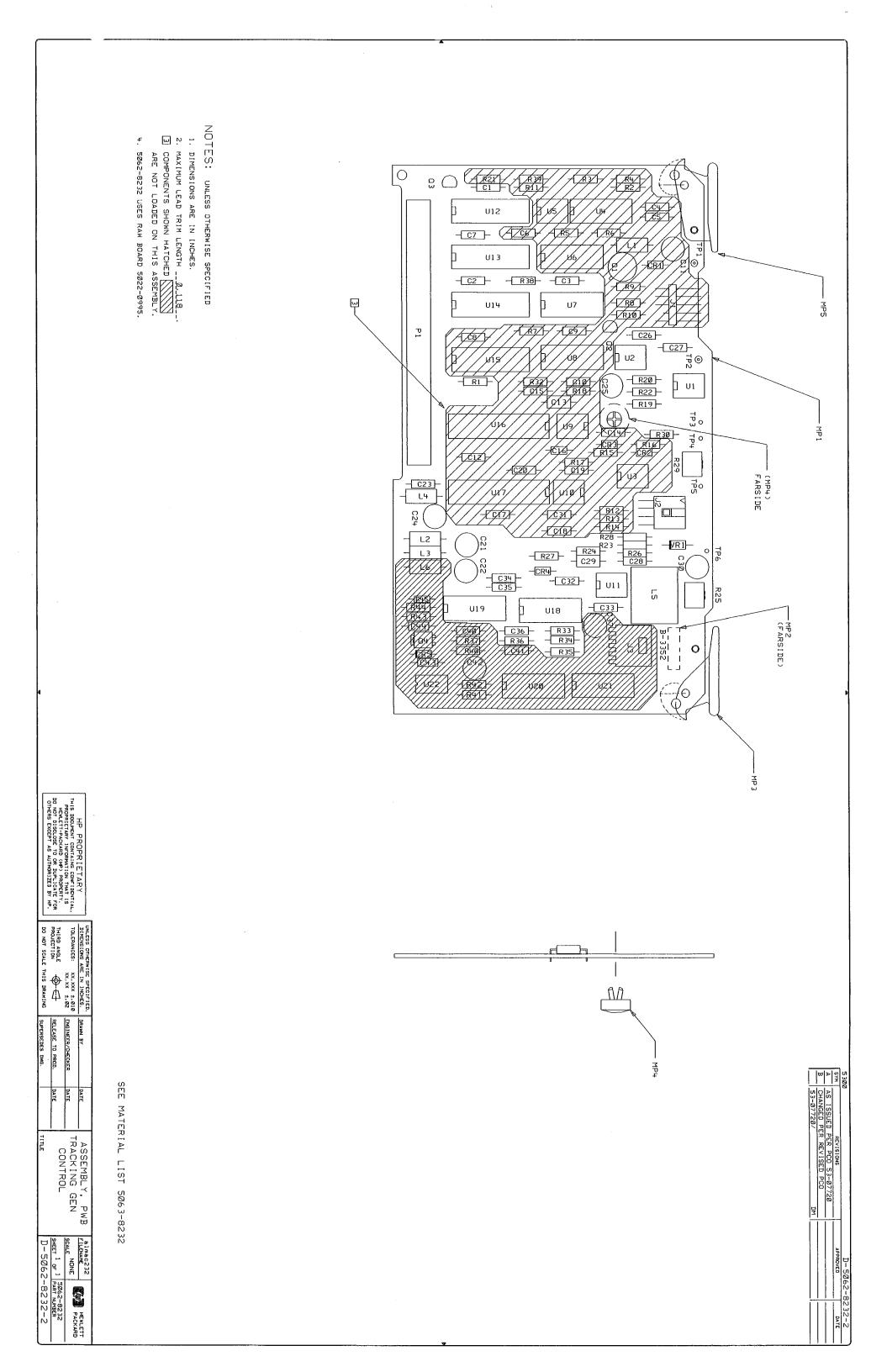
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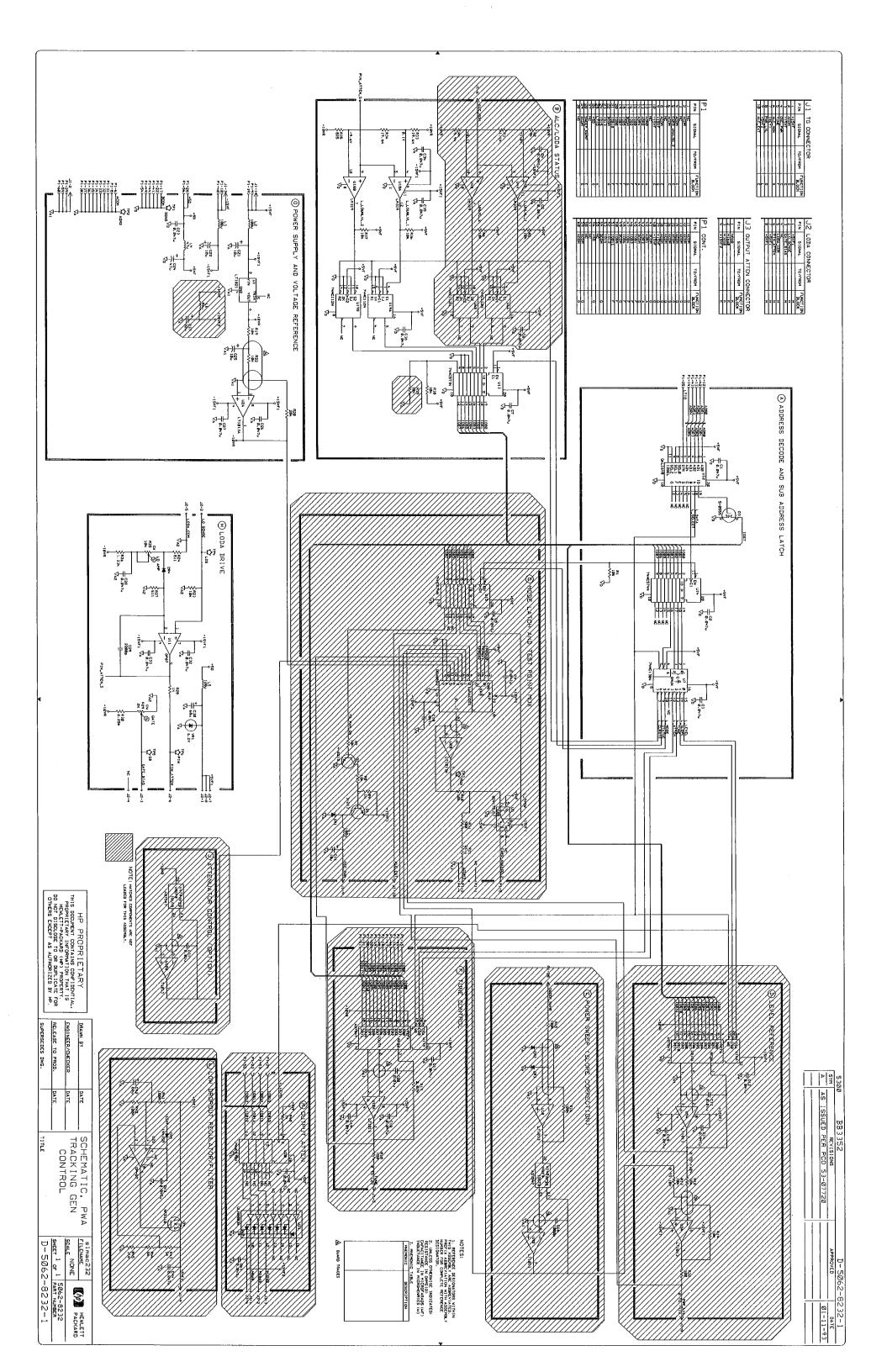
TRACKING GEN
CONTROL

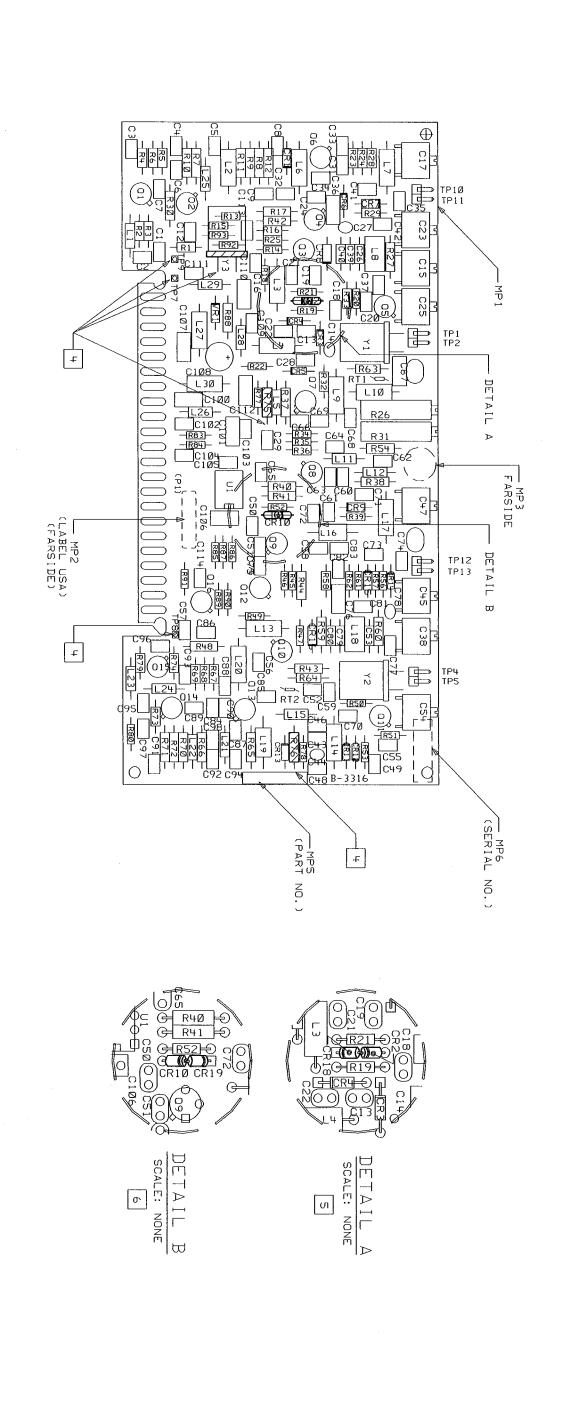
SEE MATERIAL LIST 5063-0635

SHEET 1 OF 1 | SØ6 3-Ø6 35 D-5Ø6 3-Ø6 35-2 A1fbc635
FILENAME
NONE
NONE









WAS CORE

AS ISSUED PER PCO 53-10597

1. USE RAW BOARD PART NUMBER 08590-20222
2. MAXIMUM COMPONENT HEIGHT = .400
3. MAXIMUM LEAD TRIM LENGTH = .070
4 TP7, TP8, TP9, R74, R76 AND Y3 ARE NOT
S ADD CR18 IN SERIES WITH CR2 AS SHOWN I
6 ADD CR19 IN SERIES WITH CR10 AS SHOWN

ADD CR19 IN SERIES WITH CR10 AS SHOWN IN DETAIL B.

TP7, TP8, TP9, R74, R76 AND Y3 ARE NOT LOADED FOR THIS ADD CR18 IN SERIES WITH CR2 AS SHOWN IN DETAIL A.

ASSEMBLY.

NOTES: UNLESS OTHERWISE SPECIFIED

SUPERSEDES DWG.

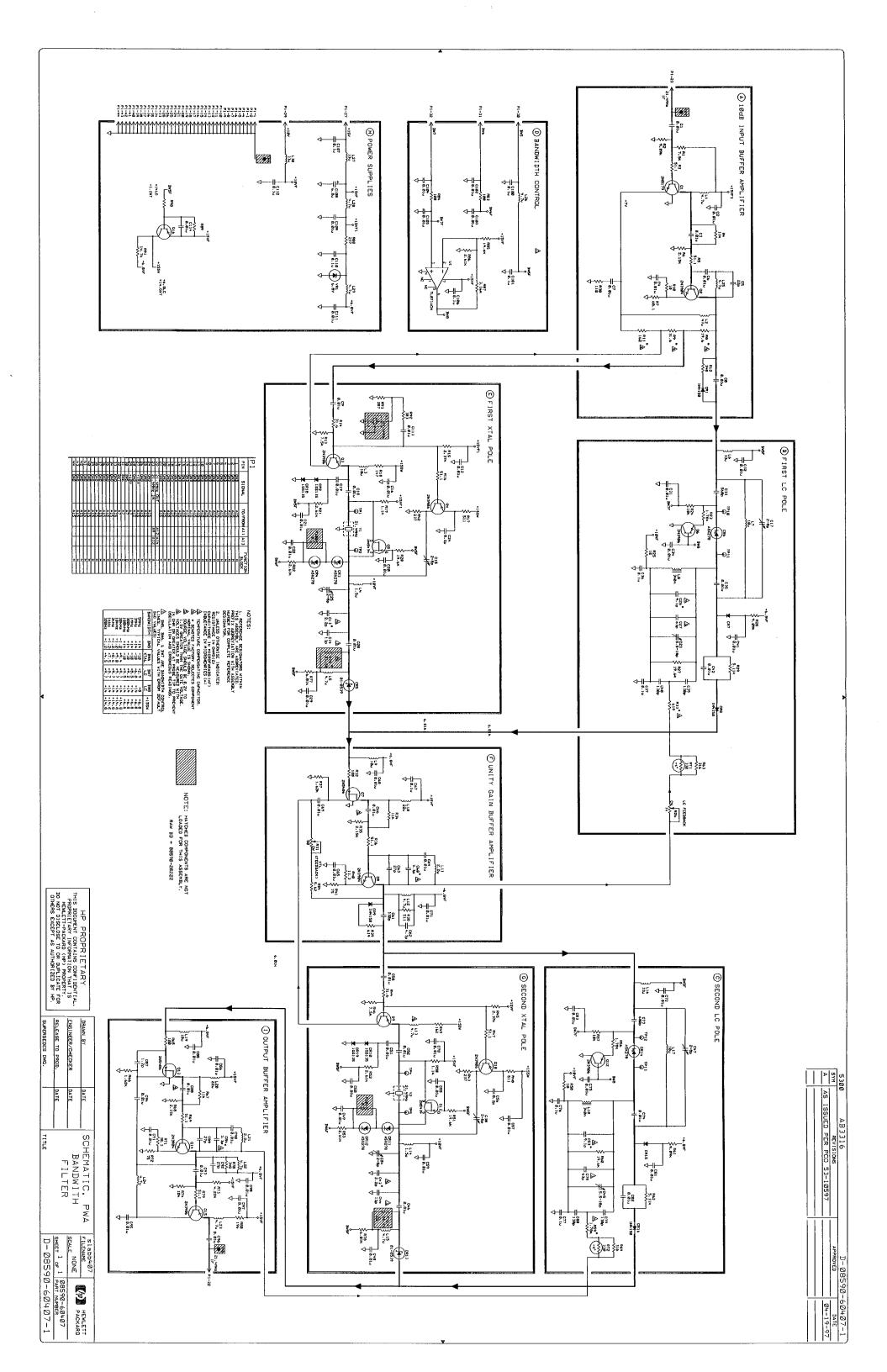
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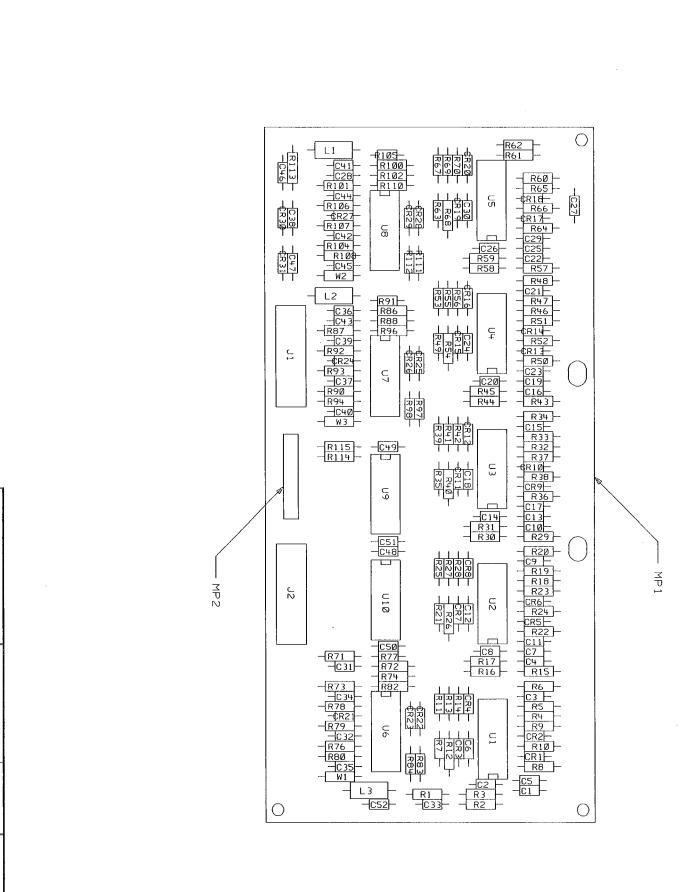
alabb407 FILENAME NONE

SEE 08590-60407 MATERIAL LIST

HEWLETT PACKARD

SHEET 1 OF 1 PART NUMBER D-08590-60407





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DIMENSIONS ARE IN INCHES.

TOLERANCES: XX.XXX ± 010

XX.XX ± 020

ENGINEER/CHECKER

THIRD ANGLE
PROJECTION

DO NOT SCALE THIS DRAWING

SUPERSEDES DMG.

DATE AS

ASSEMBLY, PWB

AMPLITUDE

CONTROL

alabb105
FILENAME
NONE

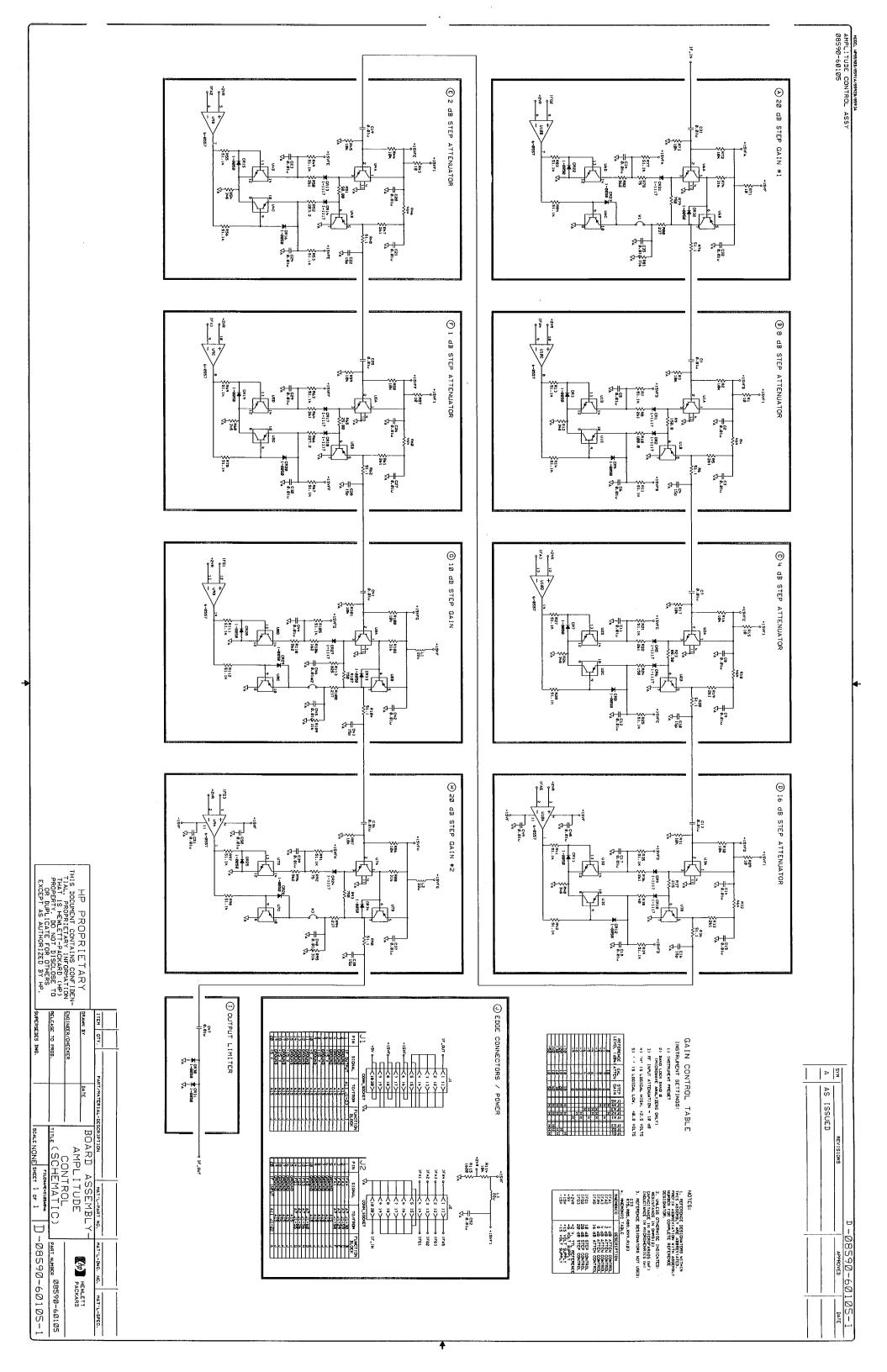
HEWLETT PACKARD

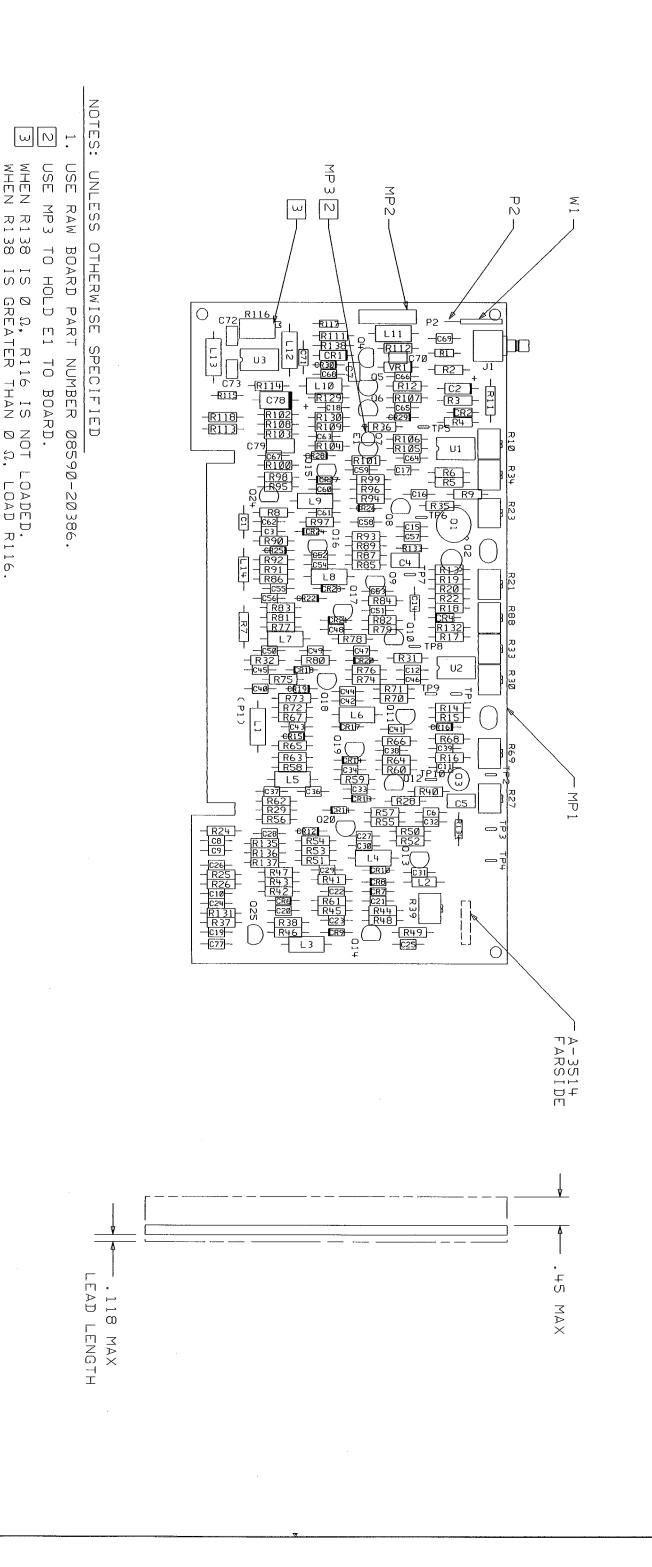
C-08590-60105-2

Ø859Ø-6Ø1Ø5 PART NUMBER

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| C-28592-62125-2 | REVISIONS | APPROVED | DATE





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ENGINEER/CHECKER SUPERSEDES DWG. RELEASE TO PROD.

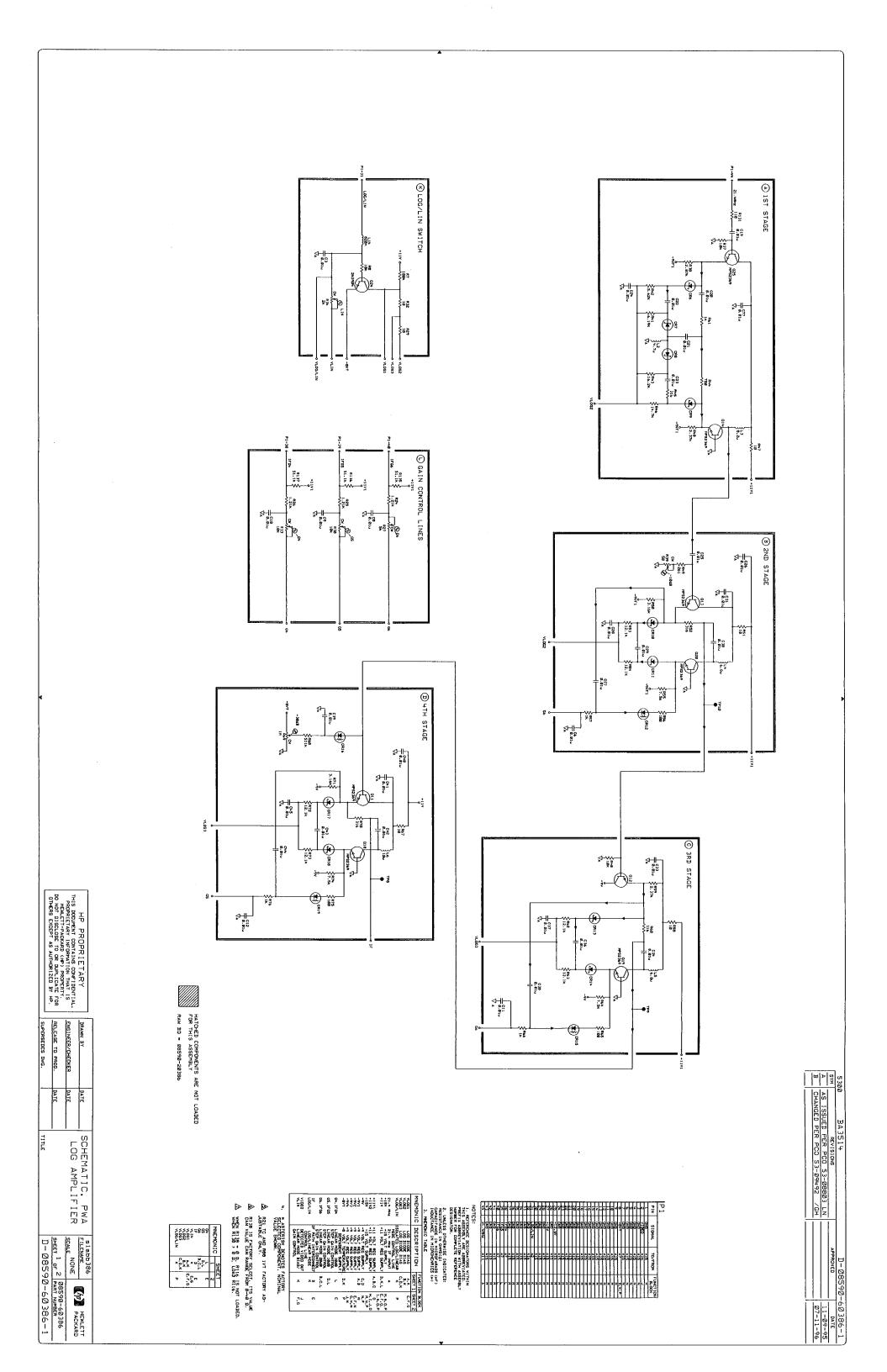
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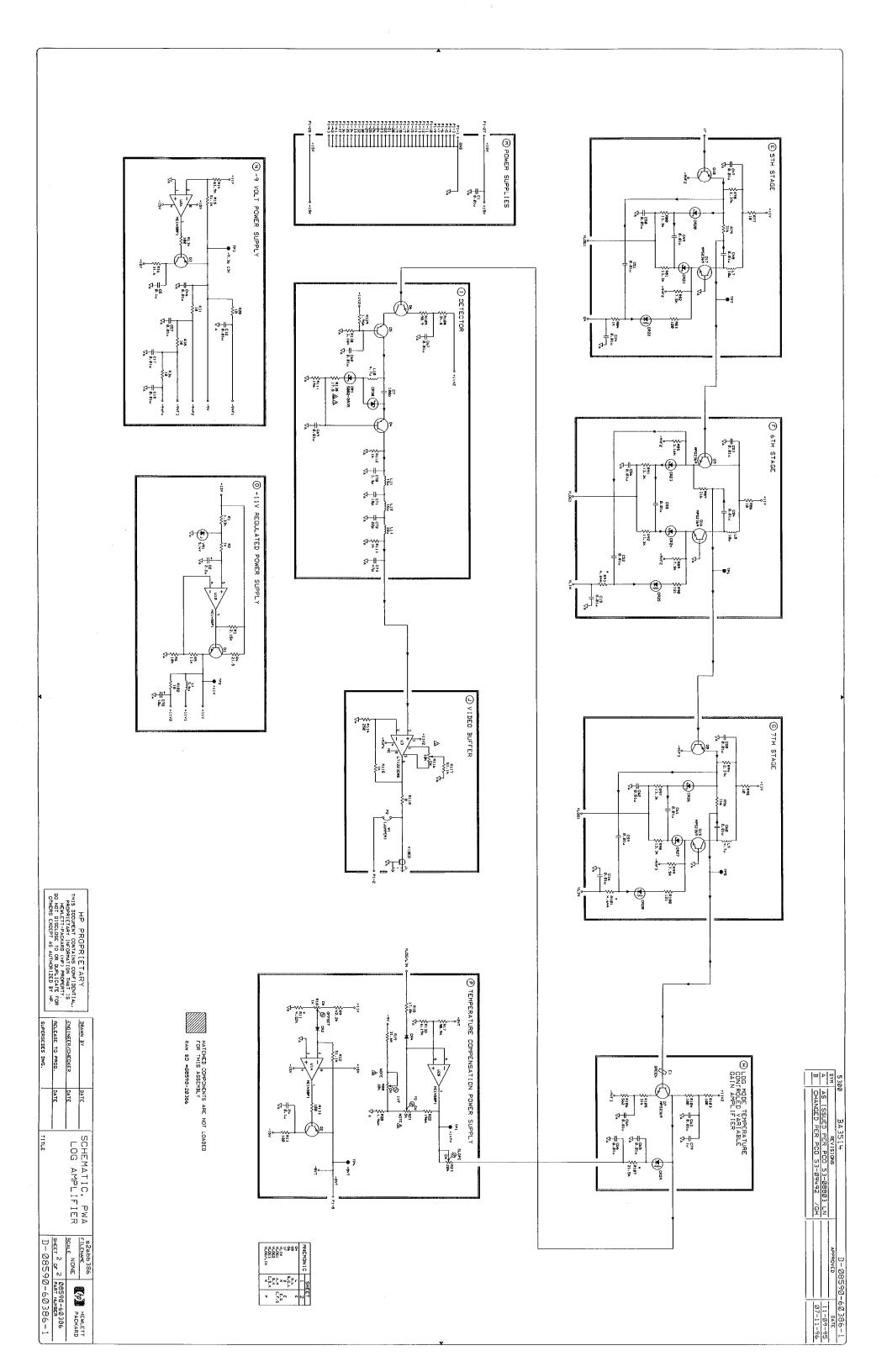
DATE ASSEMBLY, PWB LOG AMPLIFIER SEE MATERIAL LIST Ø8590-60386

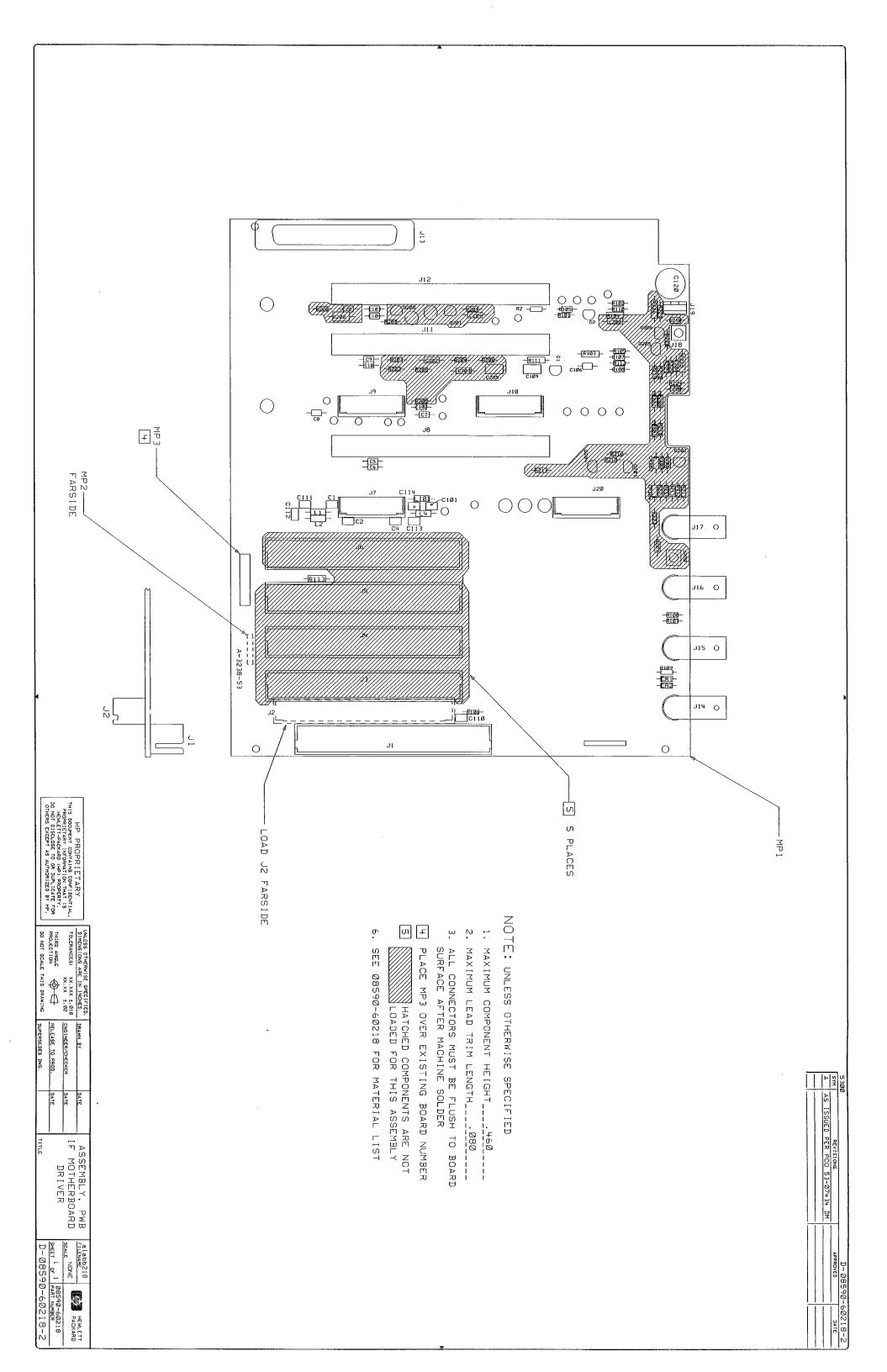
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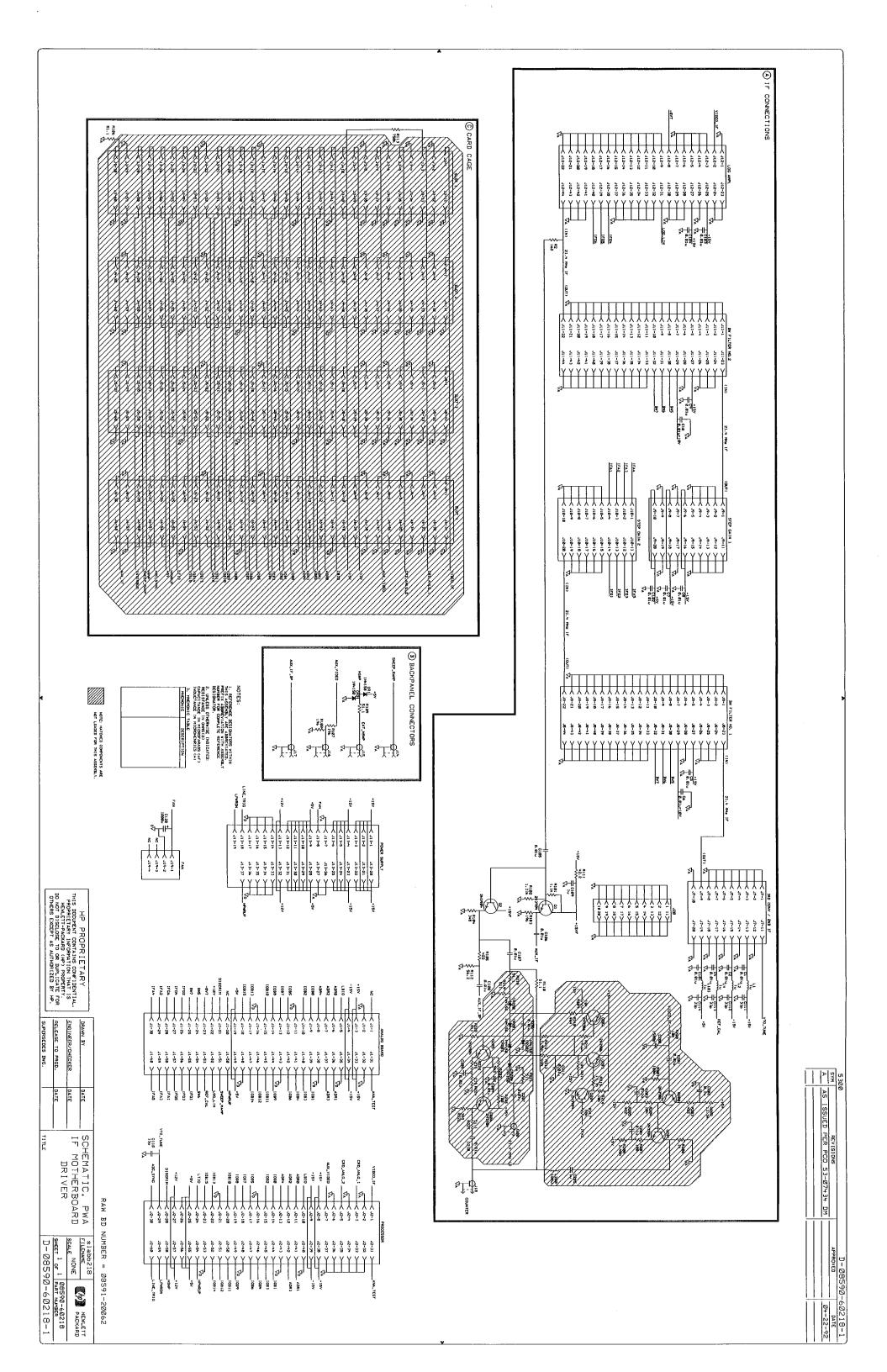
SHEET 1 OF 1 PART NUMBER

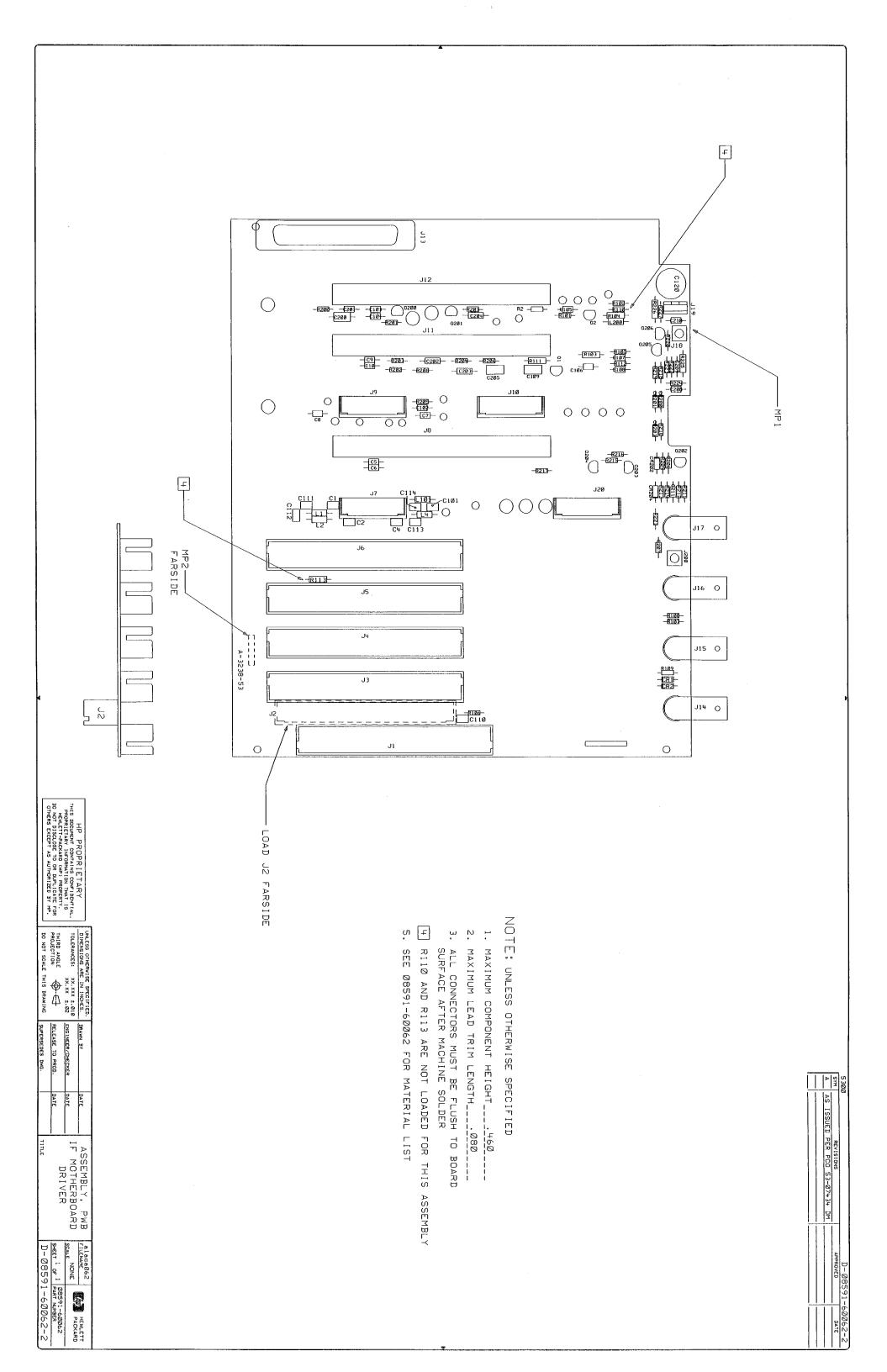
D-08590-60386-2 PACKARD

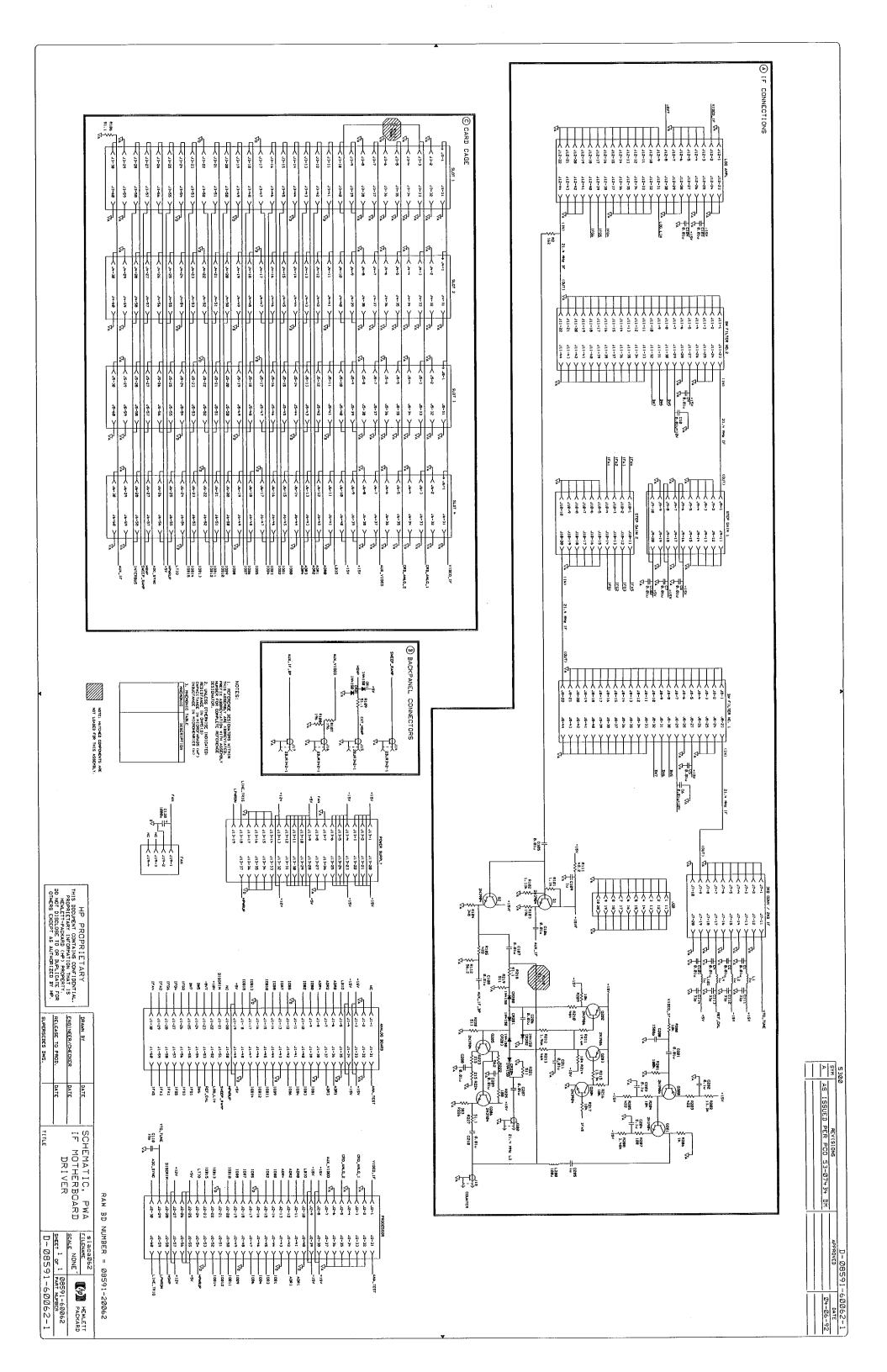


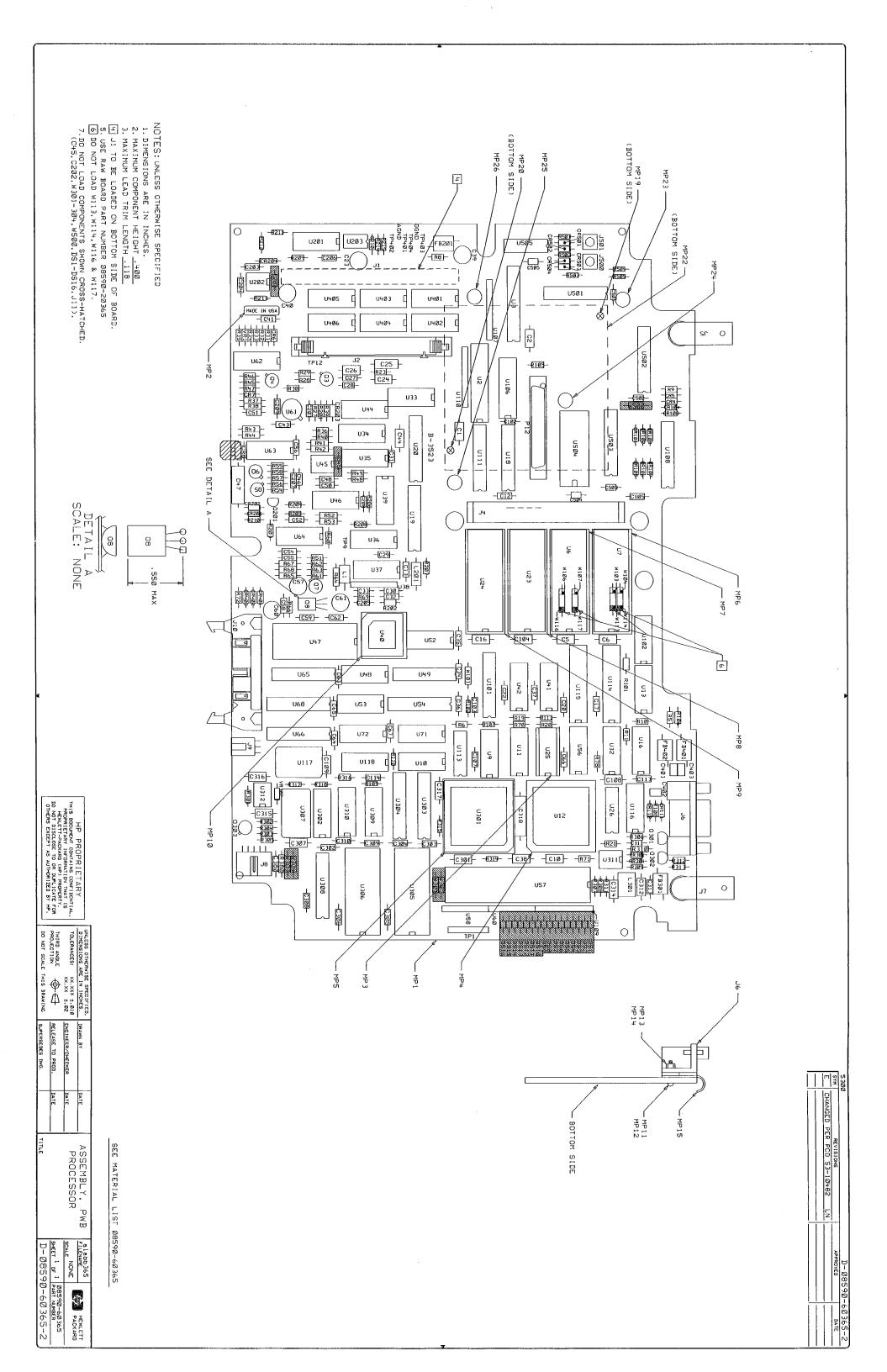


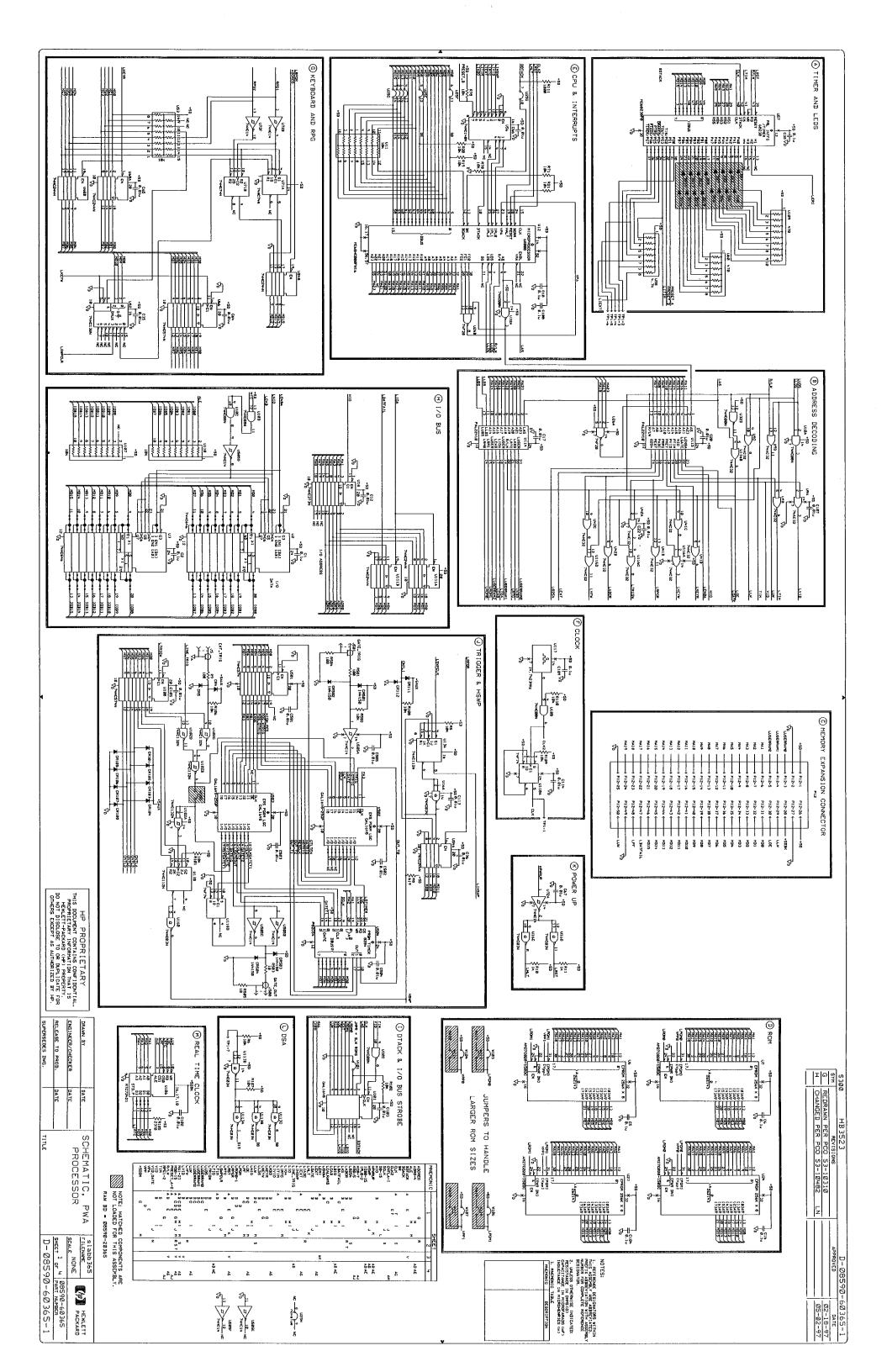


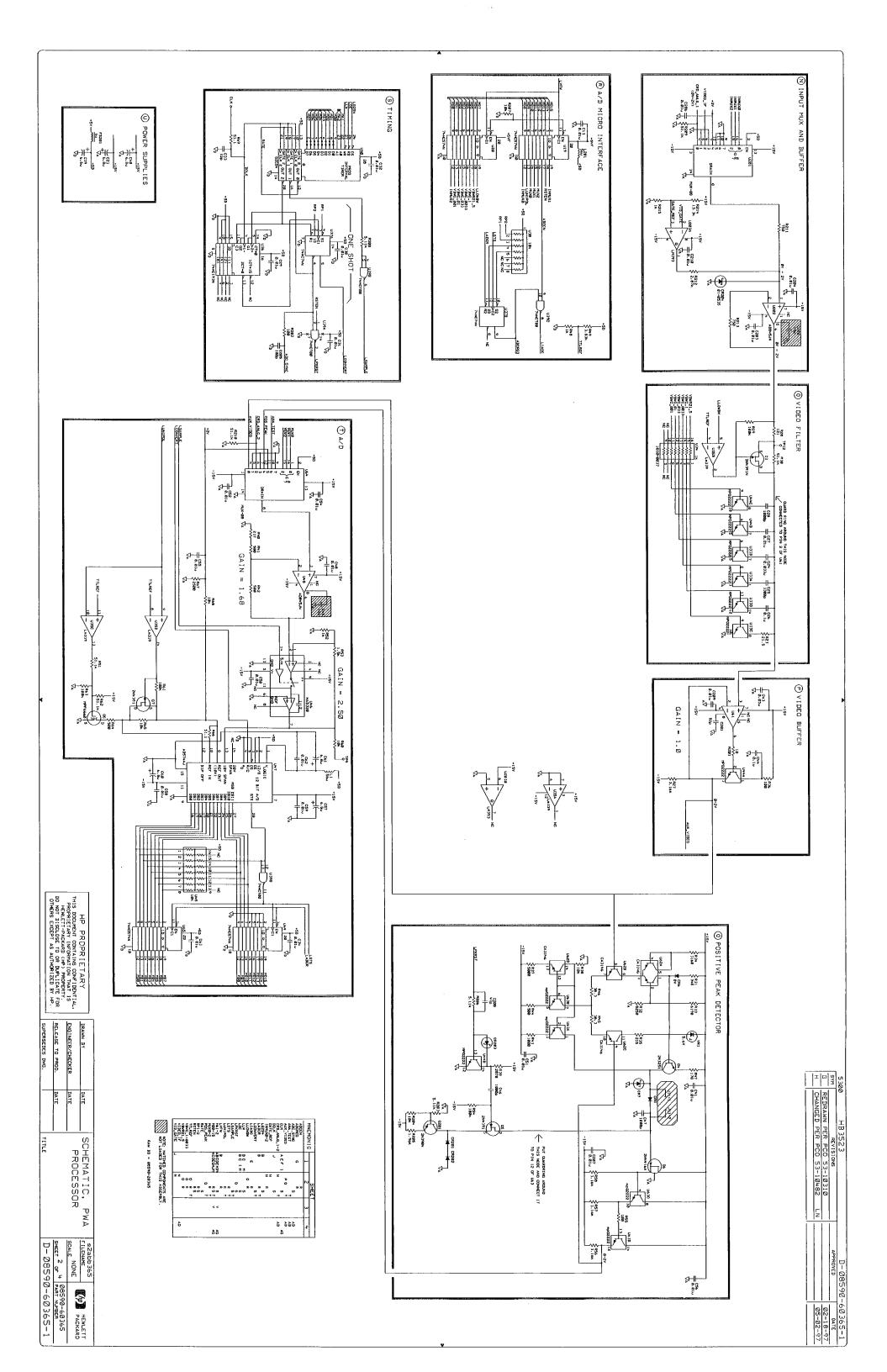


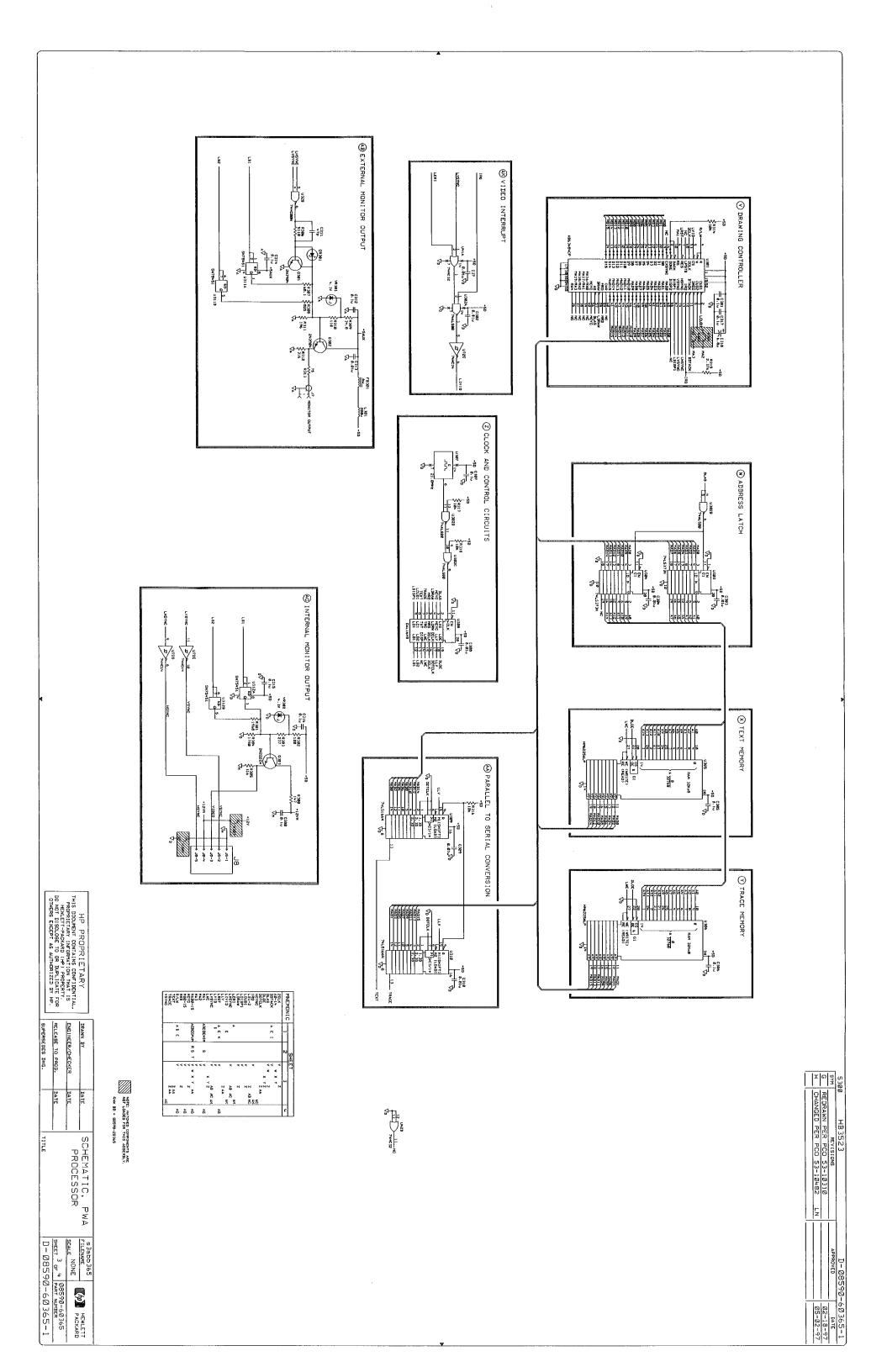












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RELEASE TO PROD. SUPERSEDES DWG.

ENGINEER/CHECKER

DATE DATE

SCHEMATIC, PWA PROCESSOR

STABB 365 FILENAME NONE

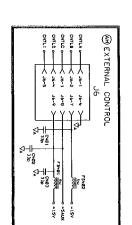
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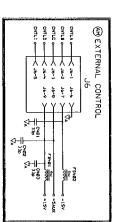
SHEET 4 OF 4 | 08590-60365 D-08590-60365-1

DRAWN BY

NOT LOADED FOR THIS ASSEMBLY.

RAW BD = 08590-20365





MOTHERBOARD

E COUNTER LOCK AND CREDIT CARD MEMORY

EXTERNAL

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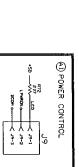
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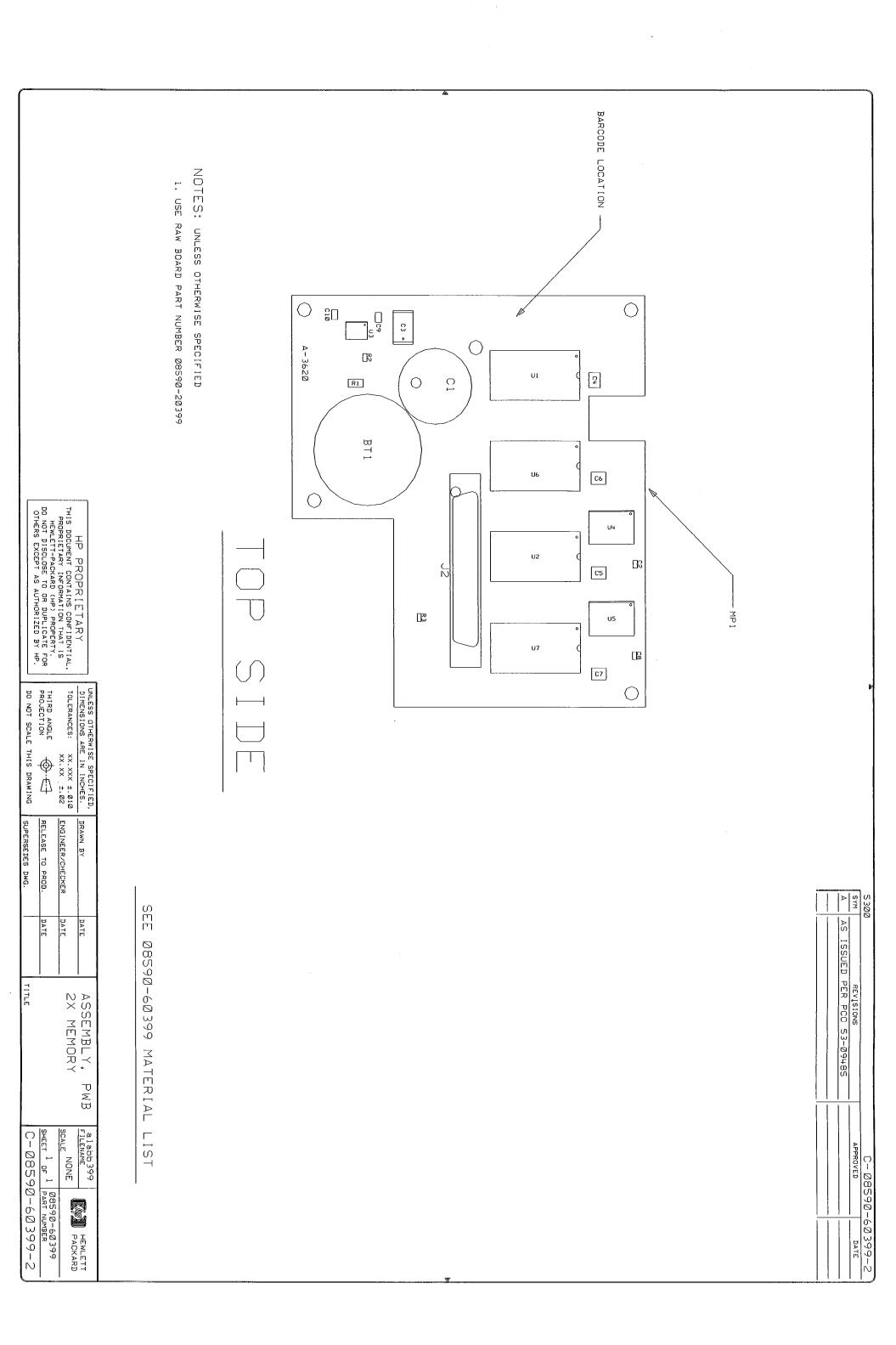


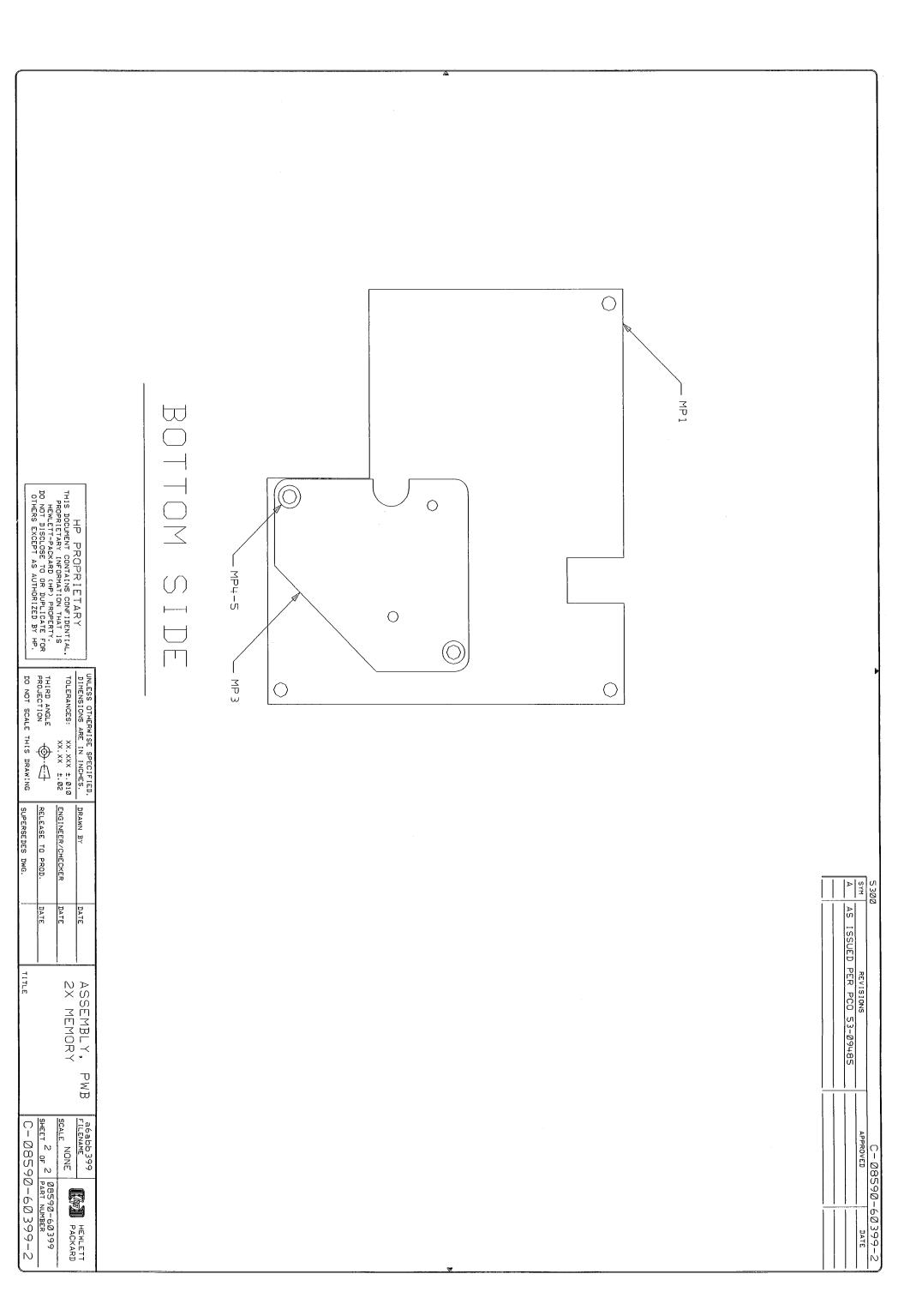
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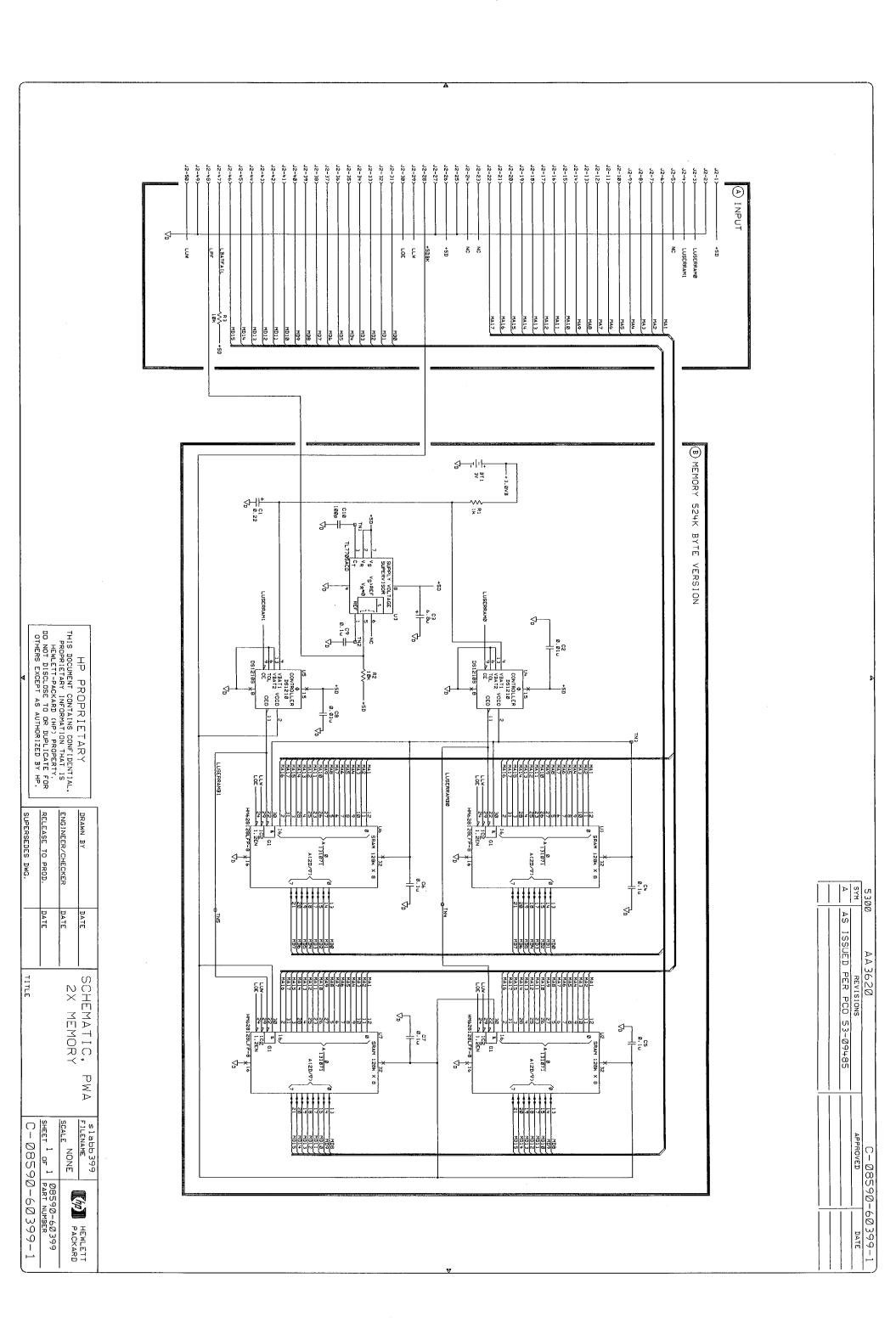
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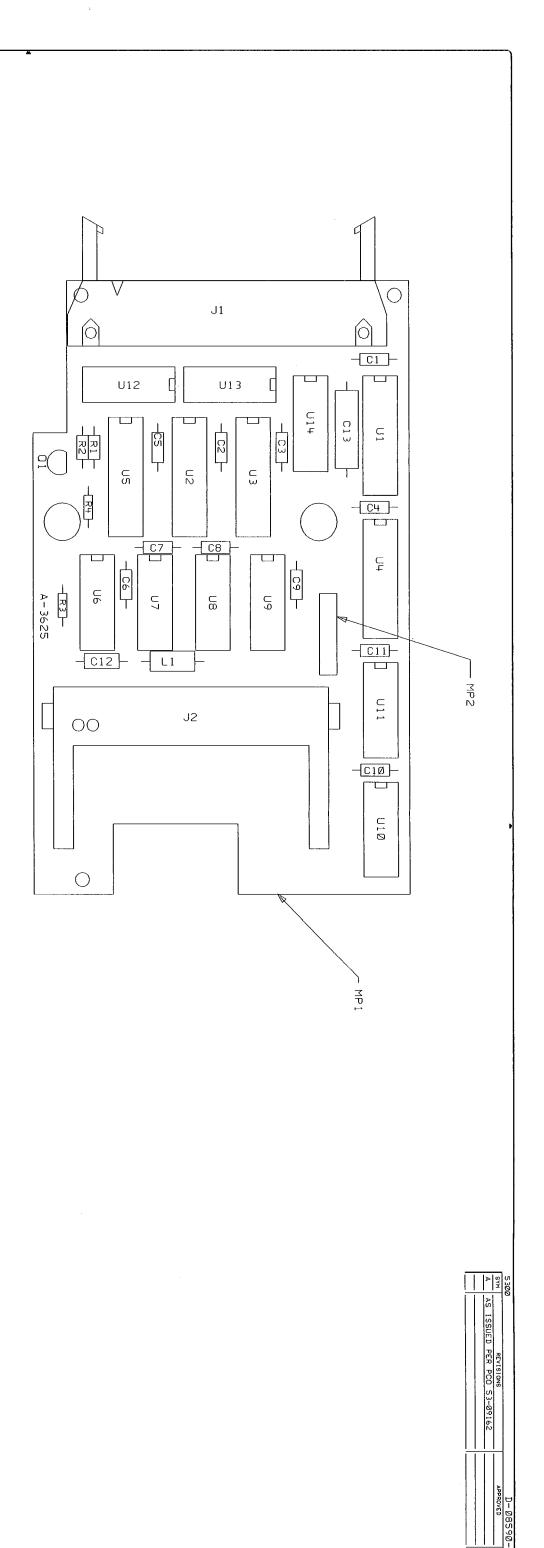
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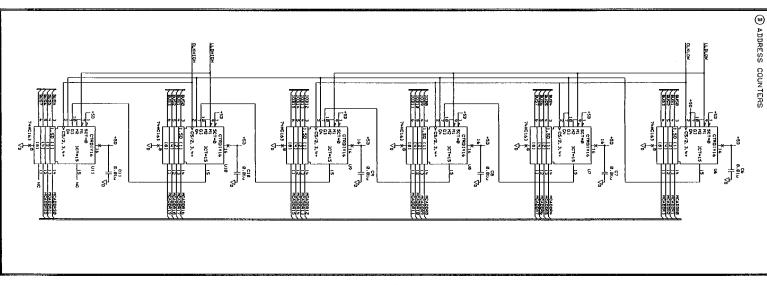
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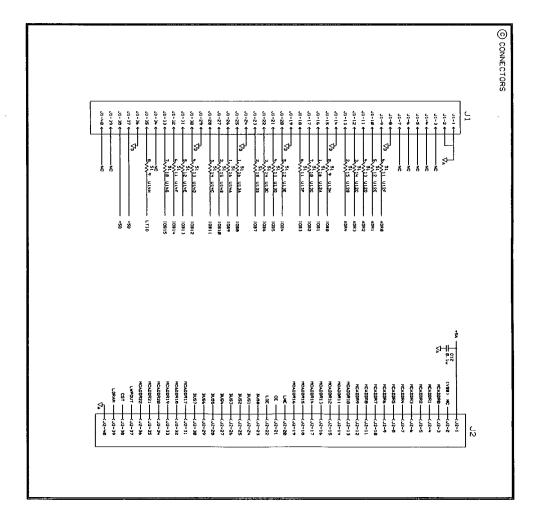
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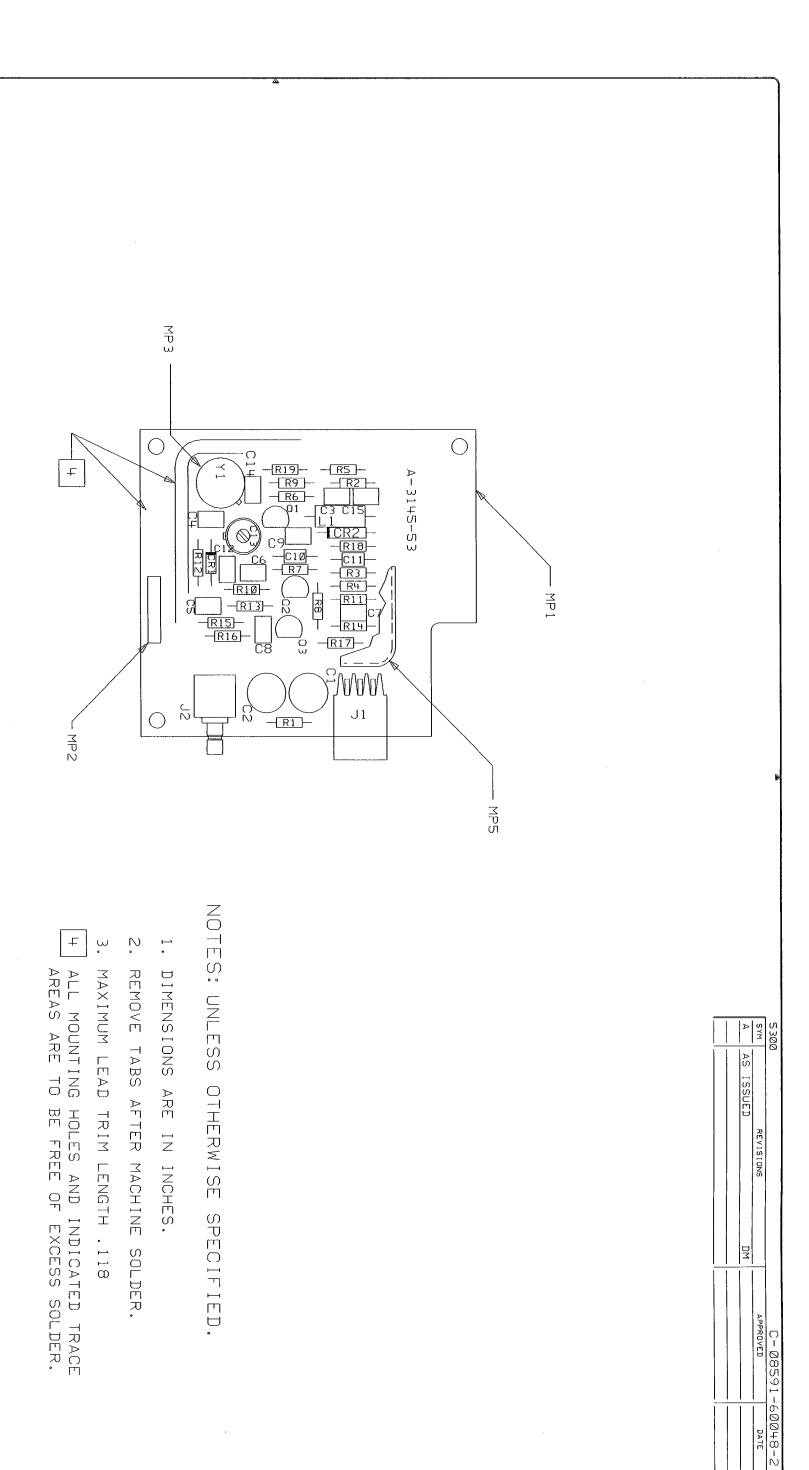
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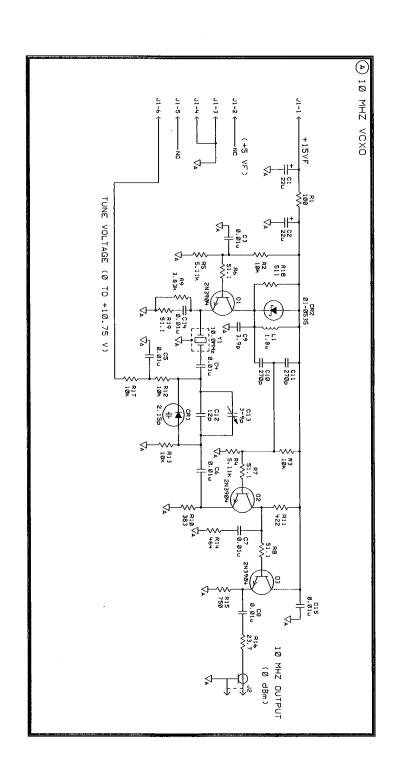
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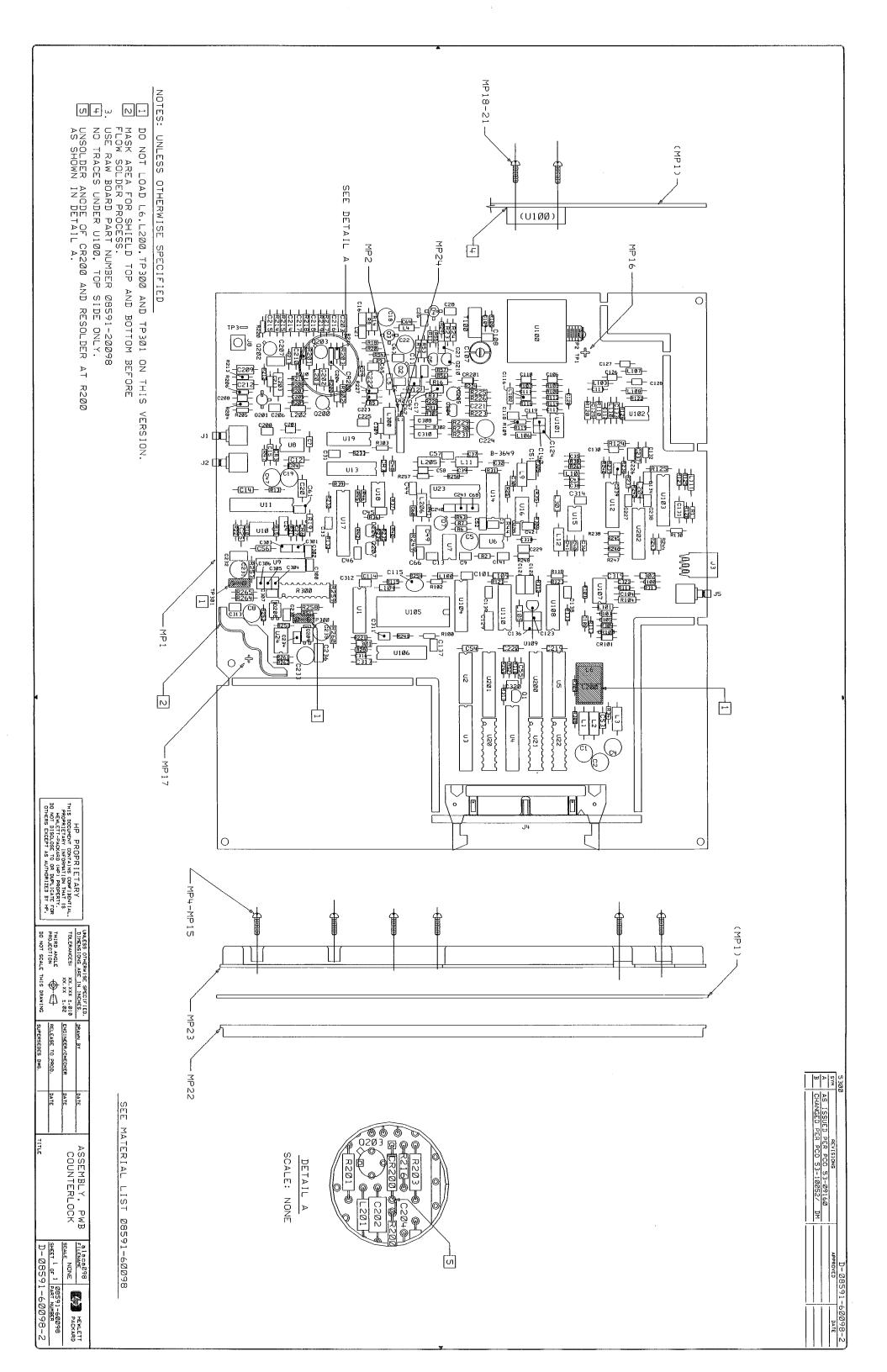
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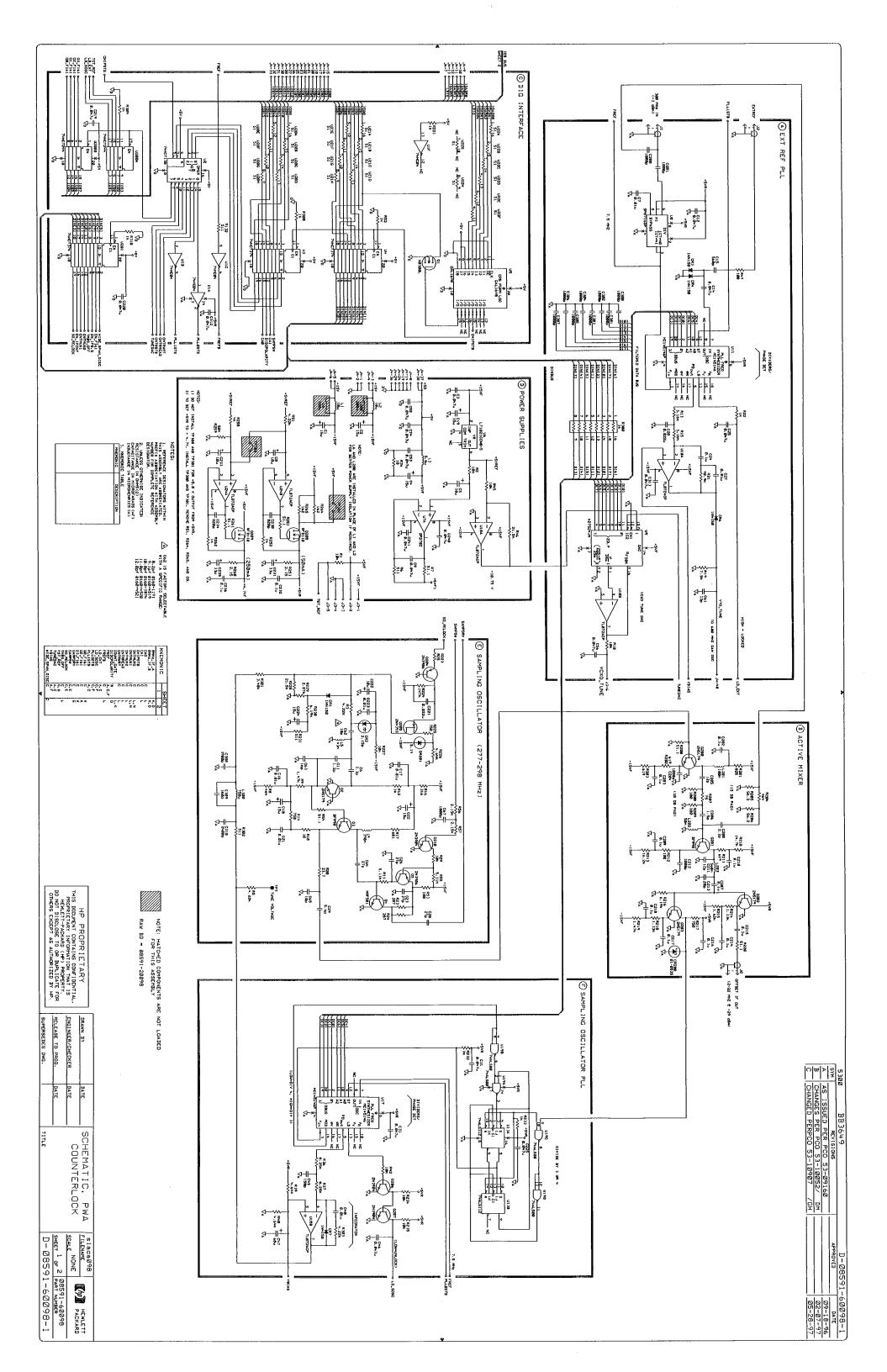
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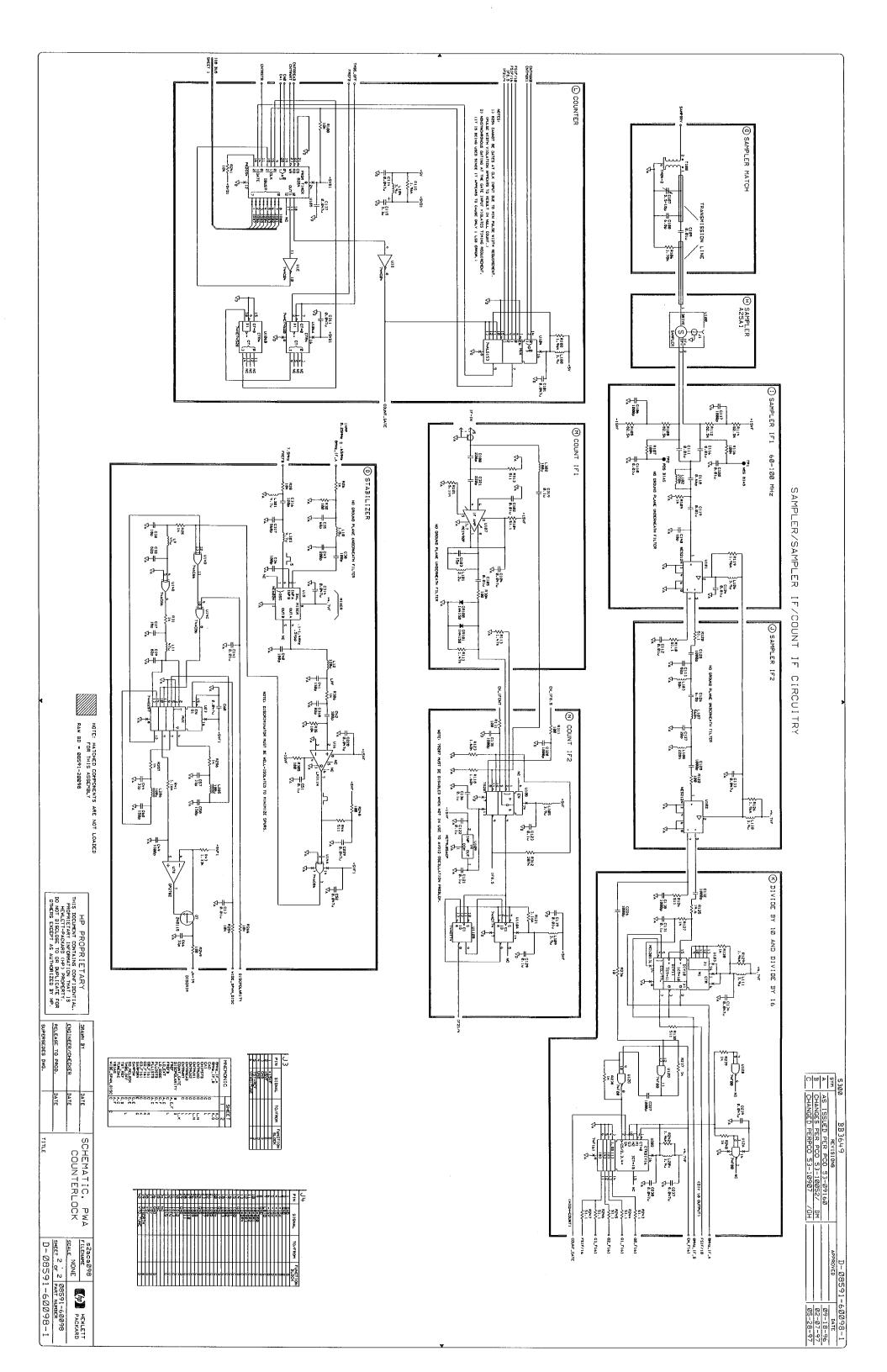
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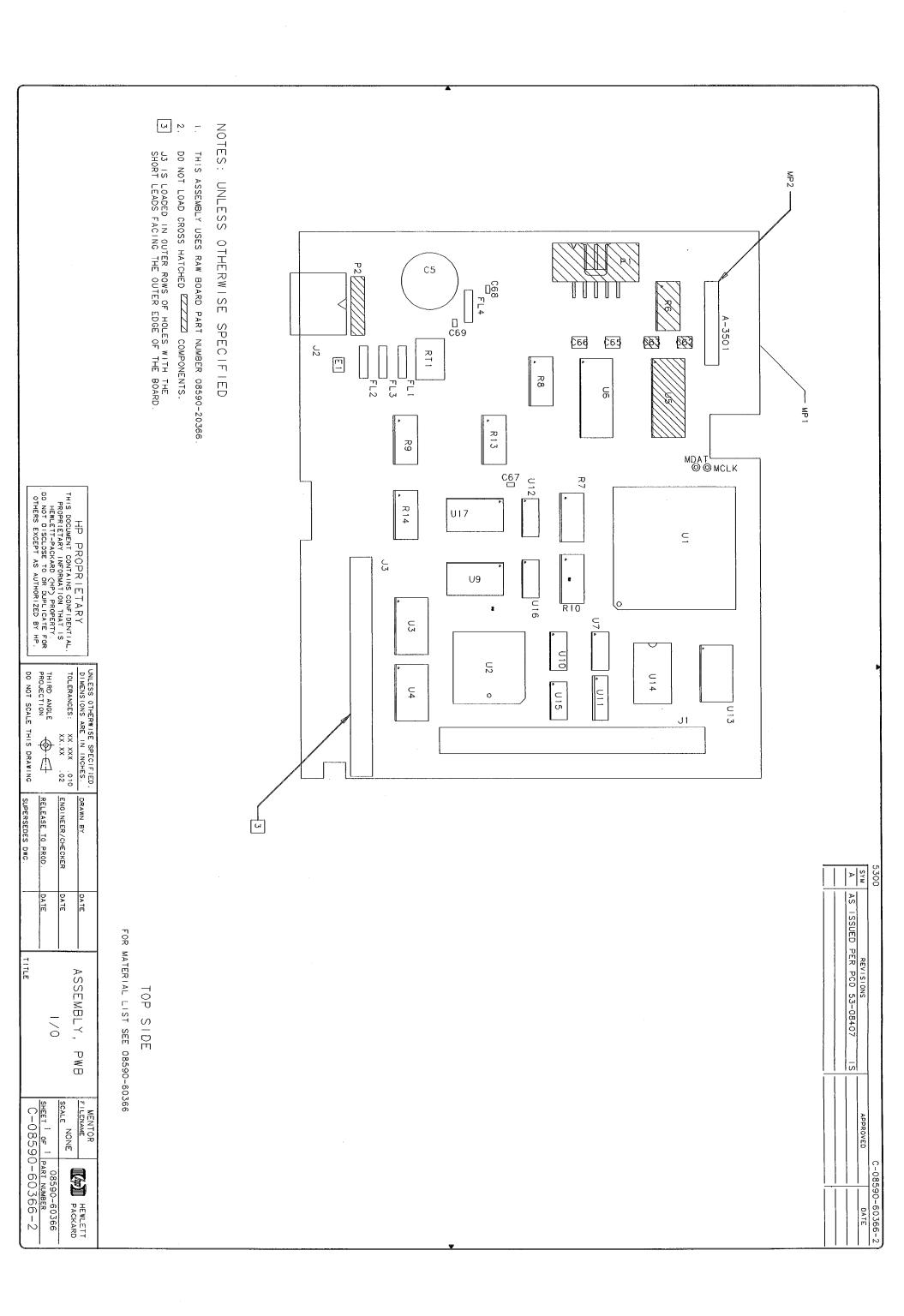
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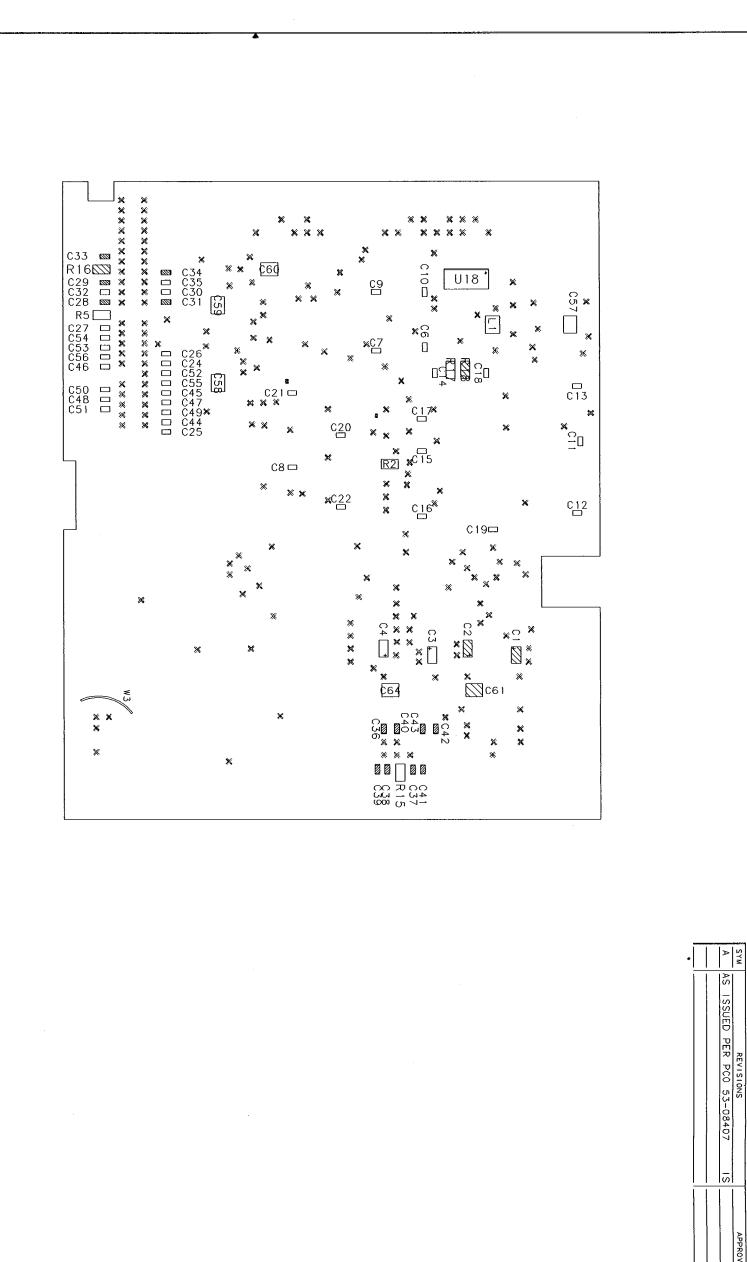
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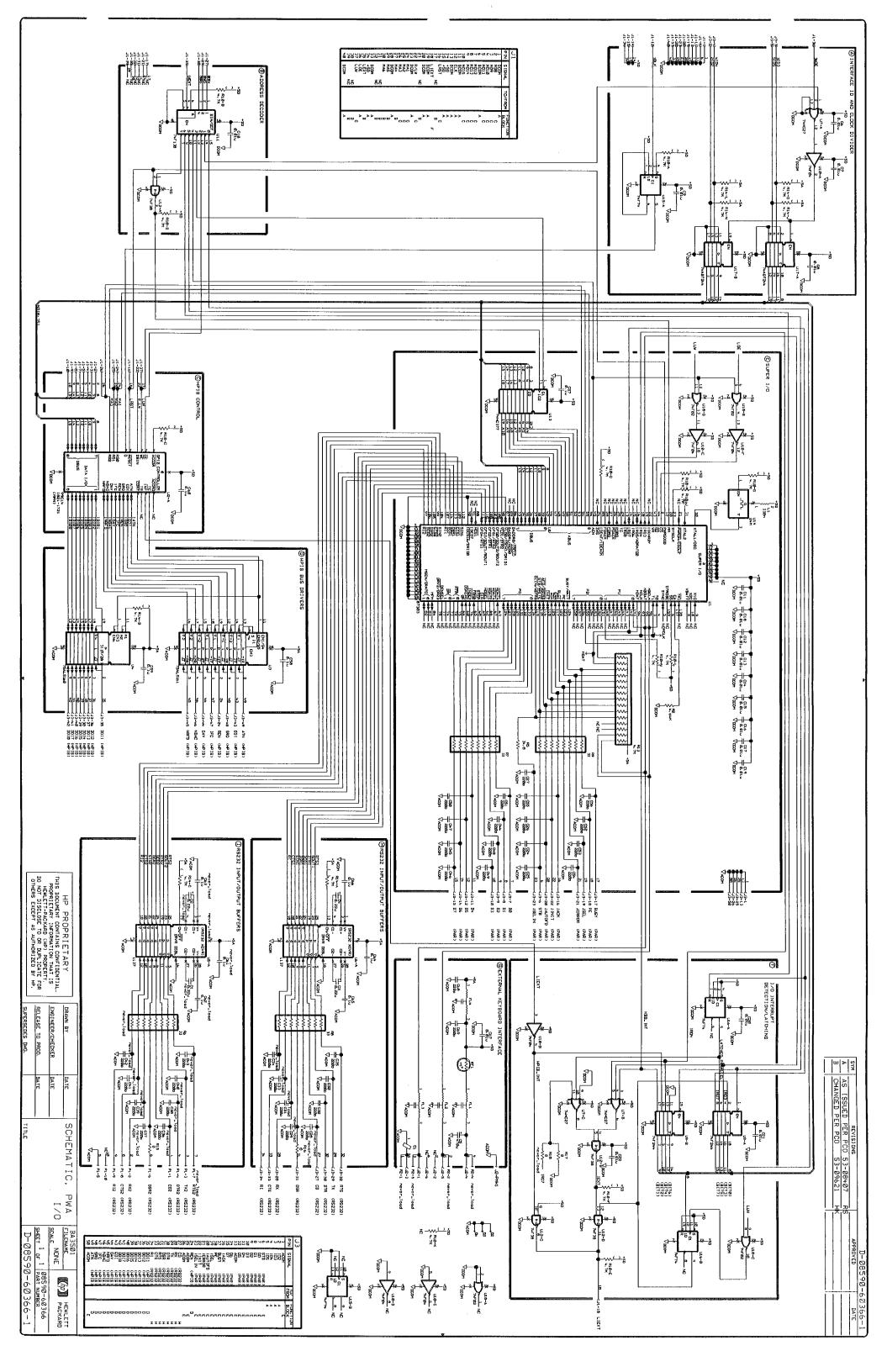
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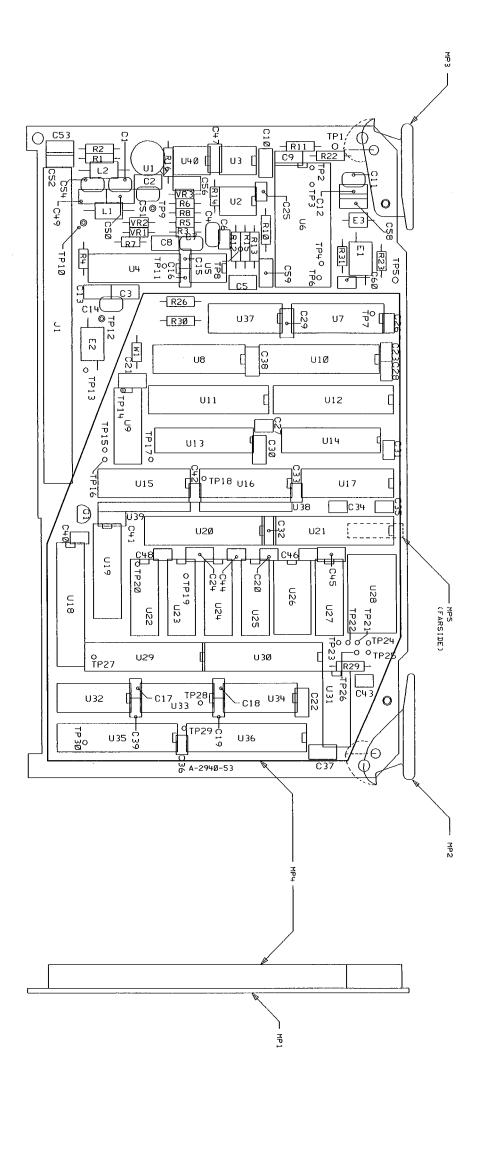
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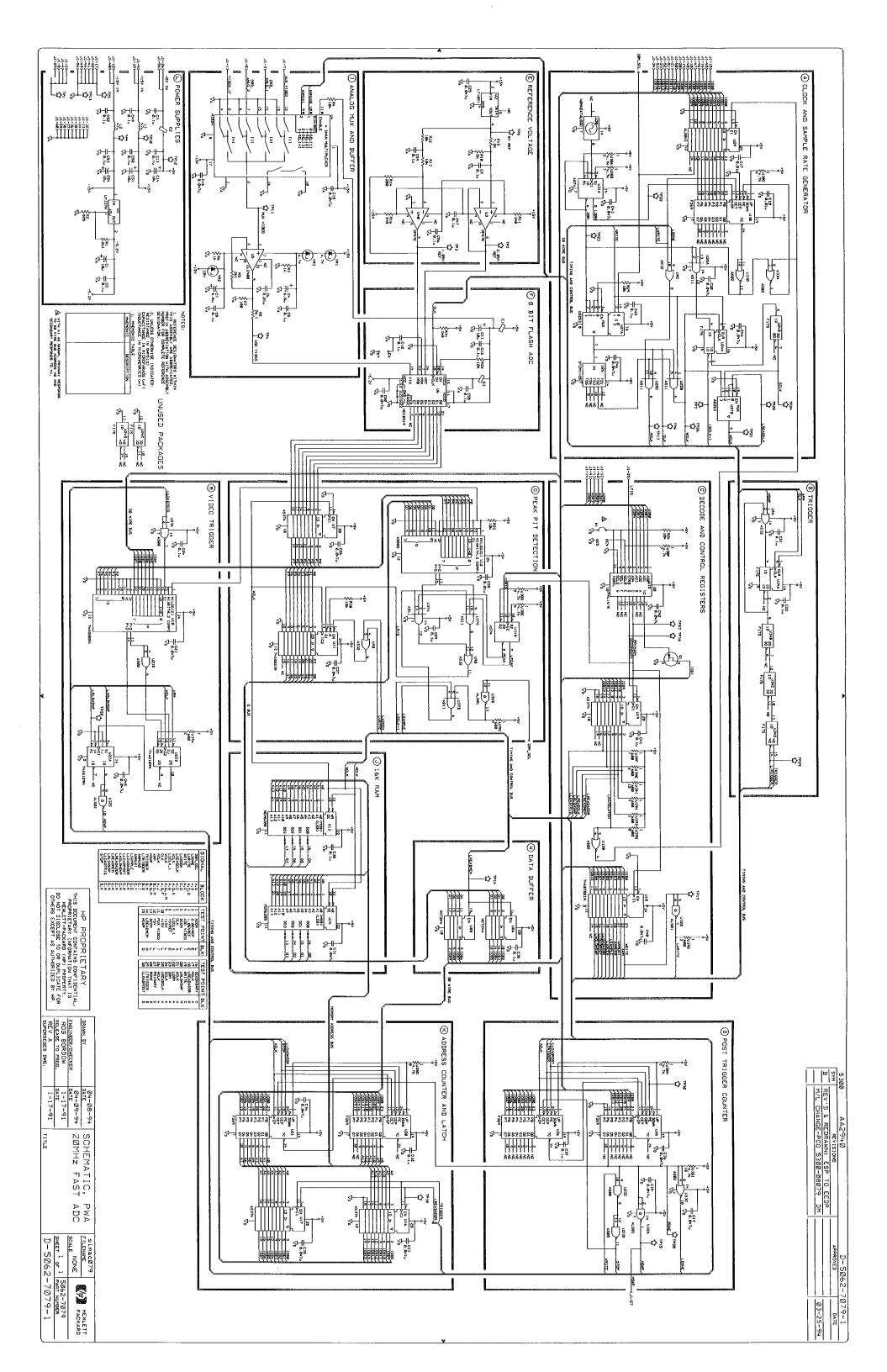
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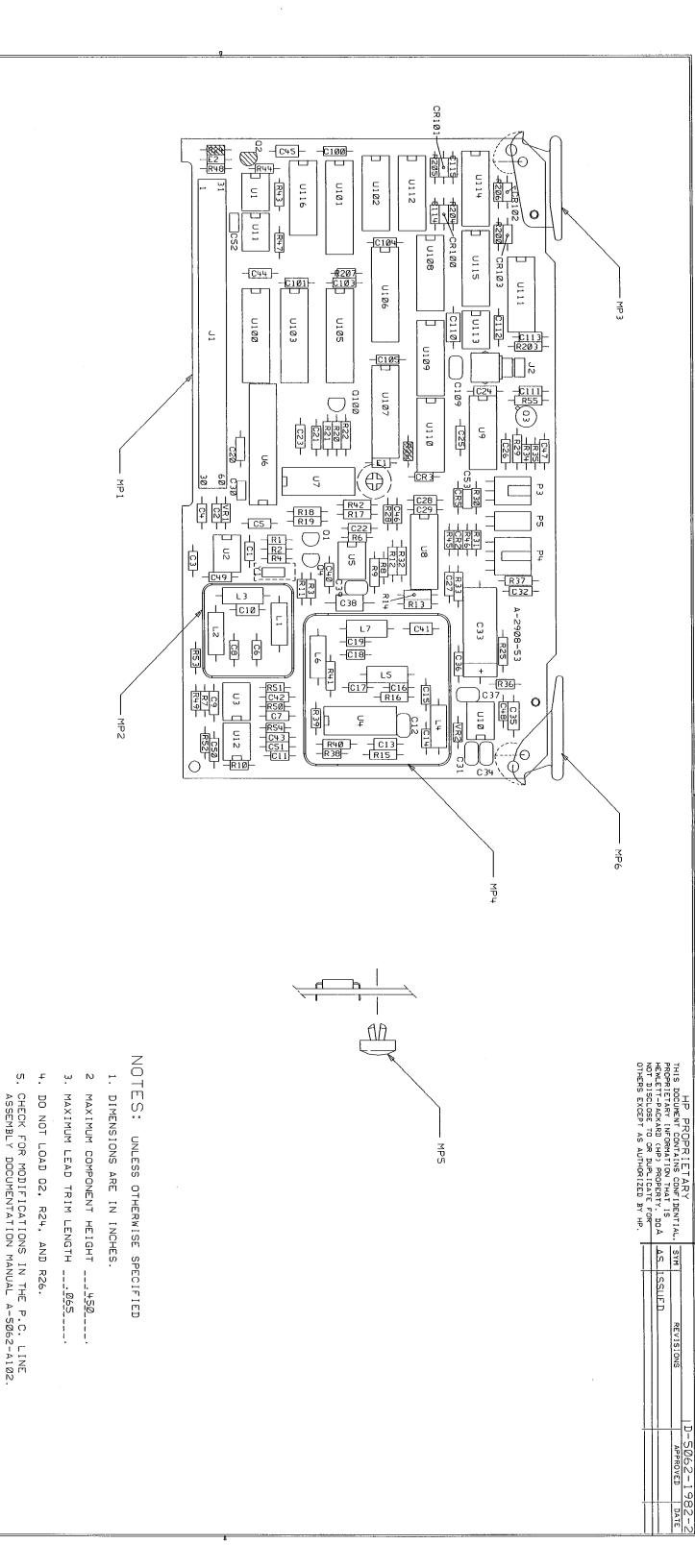
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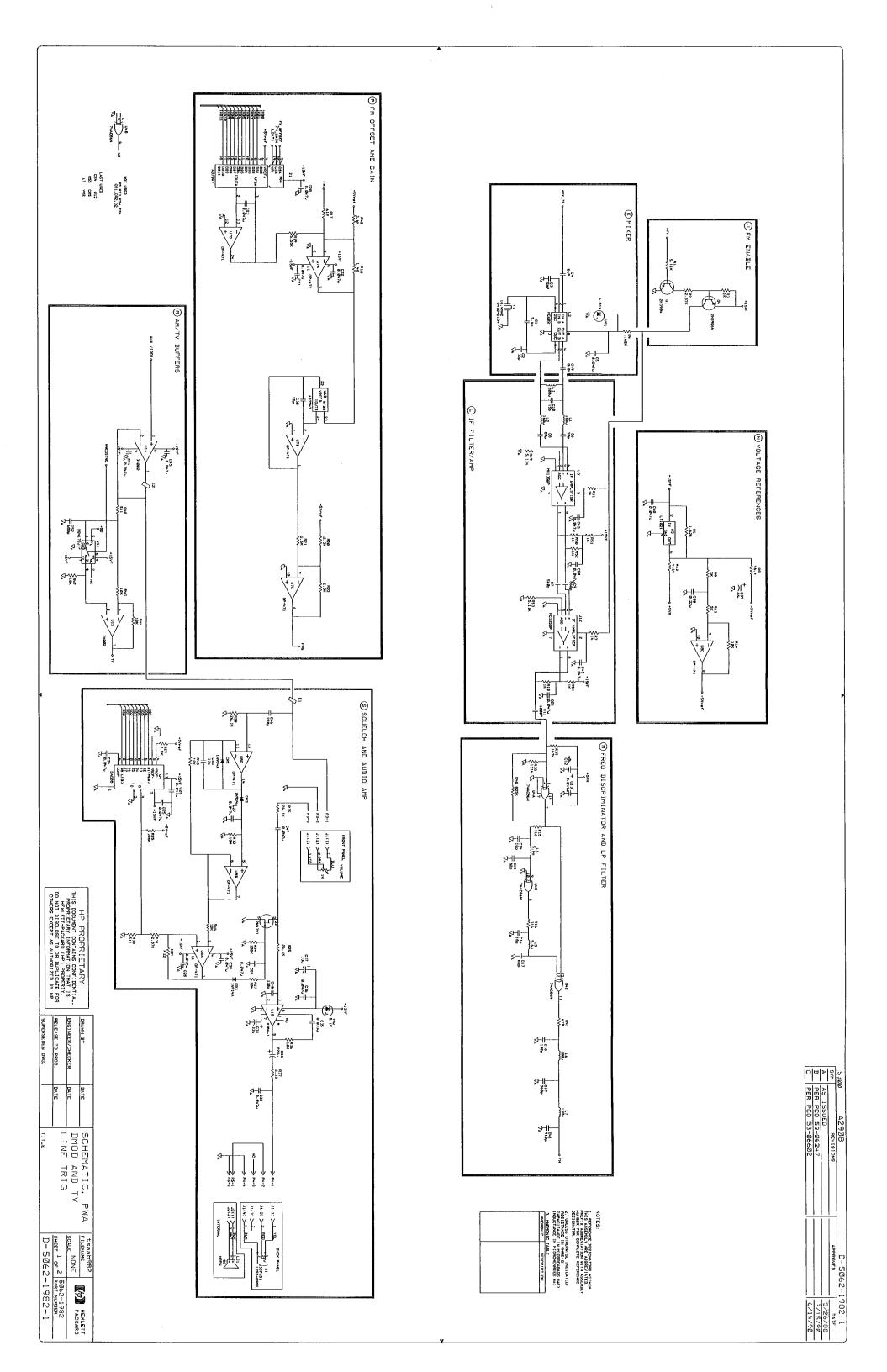
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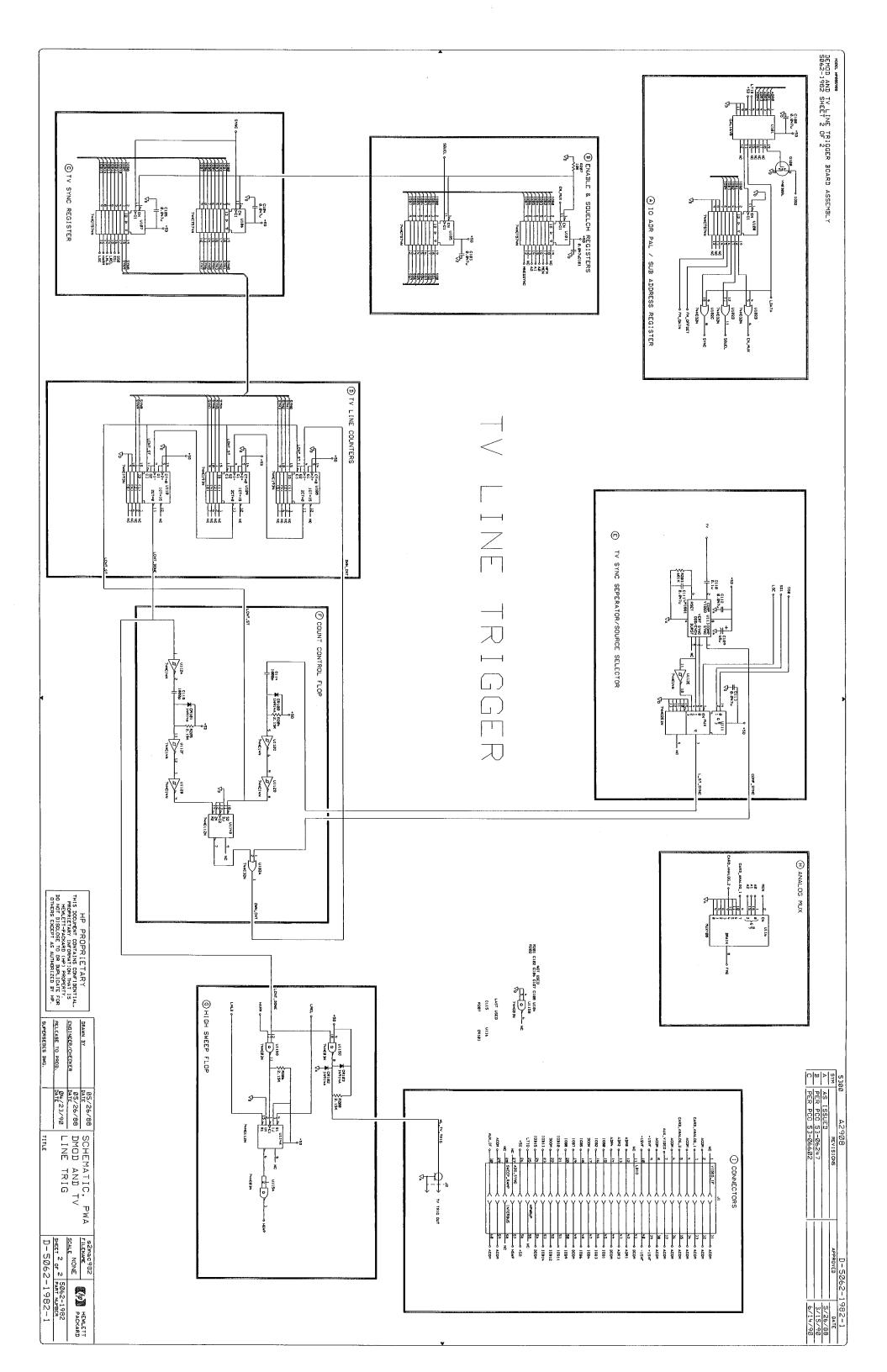
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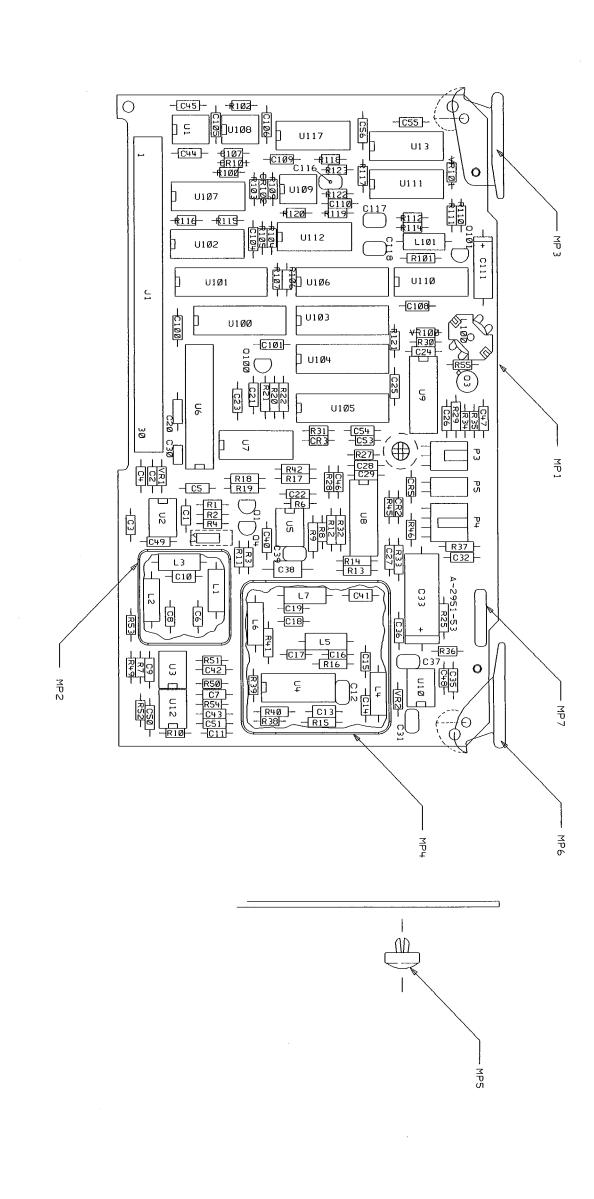
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