

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>150</b>
1	8	C1-C8	CAP., X7R, 0.22uF, 100V, 10% 0805	AVX, 08051C224KAT2A	1200
2	1	C19	CAP., X7R, 1uF, 100V, 10% 1206	AVX, 12061C105KAT2A	150
3	3	C20,C22,C23	CAP., X7R, 1uF, 16V, 10% 0603	AVX, 0603YC105KAT2A	450
4	3	C21,C25,C26	CAP., X7R, 0.1uF, 25V, 10% 0603	AVX, 06033C104KAT2A	450
5	1	C24	CAP., X7R, 2.2nF, 2KV, 10% 1808	AVX, 1808GC222KAT2A	150
6	1	D1	TVS, 58V, SMA	DIODES, SMAJ58A-13-F	150
7	1	D26	DIODE, 100V, B1100, SMA	DIODES, B1100-13-F	150
8	4	D2-D5	LED, GREEN, 0603	LITE ON, LTST-C190KGKT	600
9	0	D31	ZENER DIODE, 5.6V, SOD-123 OPT	DIODES, BZT52C5V6-7-F	0
10	0	D68-D75	SCHOTTKY DIODE, 100V, SOD-323 OPT	STMicro, BAT41JFILM	0
11	2	JP1,JP2	3 PIN 0.079 SINGLE ROW HEADER	SULLIN, NRPN031PAEN-RC	300
12	2	XJP1,XJP2	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	300
13	1	J1	CON., 2MM, 30 PIN, RIGHT ANGLE	SULLINS, NRPN301PARN-RC	150
14	0	J2(OPT)	2X5, 0.079 DOUBLE ROW HEADER		0
15	8	Q1-Q8	MOSFET, N-CH.,100V, LFPAK33	NXP, PSMN075-100MSE.	1200
16	1	Q13	NPN TRANSISTOR, BC846AS, SOT-363	DIODES, BC846AS-7	150
17	32	RA1-RA4, RB1-RB4, RC1-RC4, RD1-RD4, RE1-RE4, RF1-RF4, RG1-RG4, RH1-RH4	RES., CHIP, 1 OHM, 1/16W, 1% 0603	NIC, NRC06F1R00TRF	4800
18	11	R1-R11	RES., CHIP, 0 OHM, 1/16W, 1% 0603	VISHAY, CRCW06030000Z0EA	1650
19	0	R26,R27(OPT)	RES., CHIP, 0 OHM, 1/16W, 1% 0603		0
20	8	R13-R16,R21-R24	RES., CHIP, 100, 1/16W, 1% 0603	NIC, NRC06F1000TRF	1200
21	2	R28,R29	RES., CHIP, 560, 1/16W, 5% 0603	VISHAY, CRCW0603560RJNEA	300
22	2	R30,R31	RES., CHIP, 27K, 1/8W, 5% 0805	VISHAY, CRCW080527K0JNEA	300
23	2	R32,R33	RES., CHIP, 220K, 1/16W, 5% 0603	VISHAY, CRCW0603220KJNEA	300
24	0	R34	RES., CHIP, 12K, 1/2W, 5% 1206 OPT	VISHAY, CRCW120612K0JNEAHP	0
25	1	R35	RES., CHIP, 10, 1/8W, 1% 0805	Panasonic, ERJ-6ENF10R0V	150
26	1	T1	TRANSFORMER, ETHERNET, 10/100	WURTH ELEKTRONIK, 7490100143	150
27	1	U1	IC., Digital PSE Controller, 24-LEAD 4X4 QFN	LINEAR TECH., LTC4271IUF#PBF	150
28	1	U2	IC., 8-Port PSE Controller, 40-LEAD 6X6 QFN	LINEAR TECH., LTC4290BIUJ#PBF	150
29	2		STENCIL (TOP & BOTTOM)	STENCIL DC1842B-1	2