



Item	Qty	Reference	Part Description	Manufacture / Part #
1	2	C1,C2	CAP., POSCAP, 330uF, 6.3V, 20%, D size	SANYO, 6TPB330M
2	1	C3	CAP., C0G, 1nF, 200V, 10%, 1812	AVX, 18122A102KAT2A
3	0	C4 (OPT.)	CAP., 1206	OPT.
4	4	C5,C6,C24,C25	CAP., X7R, 0.82uF, 100V, 10%, 1812	Vishay Vitramon, VJ1812Y824KXBAT
5	1	C7	CAP., X7R, 2.2nF, 250V, 10%, GHM3045	Murata, GA355DR7GC222KY02L
6	2	C9,C20	CAP., C0G, 1nF, 25V, 10%, 0805	AVX, 08053A102KAT2A (2 Reels)
7	1	C10	CAP., Tant., 33uF, 25V, 10%, 7374H	AVX, TPSE336K025R0300
8	2	C8,C11	CAP., X7R, 0.1uF, 25V, 20%, 0805	AVX, 08053C104MAT2A
9	1	C12	CAP., C0G, 470pF, 25V, 10%, 0603	AVX, 06033A471KAT2A (2 Reels)
10	2	C13,C14	CAP., X5R, 0.1uF, 25V, 20%, 0603	AVX, 06033D104MAT2A (2 Reels)
11	1	C16	CAP., C0G, 820pF, 25V, 10%, 0805	AVX, 08053A821KAT2A (2 Reels)
12	1	C17	CAP., C0G, 47pF, 25V, 10%, 0603	AVX, 06033A470KAT2A
13	1	C18	CAP., X7R, 1nF, 25V, 20%, 0603	AVX, 06033C102MAT2A
14	1	C19	CAP., COG, 680pF, 25V, 10%, 0603	AVX, 06033A681KAT2A
15	1	C21	CAP., X7R, 1uF, 25V, 20%, 1206	AVX, 12063C105MAT2A
16	1	C22	CAP., C0G, 220pF, 25V, 10%, 0603	AVX, 06033A221KAT2A
17	1	C23	CAP., X7R, 3.3nF, 25V, 20%, 0603	AVX, 06033C332MAT2A
18	0	C26 (OPT.)	CAP., 1206	OPT.
19	1	C31	CAP., X7R, 0.1uF, 25V, 10%, 0805	AVX, 08053C104KAT2A
20	1	C32	CAP., X7R, 0.022uF, 25V, 10%, 0805	AVX, 08053C223KAT2A
21	1	C33	CAP., X7R, 10uF, 25V, 20%, 1812	TDK, C4532X7R1E106M
22	2	D2,D1	Diode, BAS21-7, SOT23	Diodes Inc., BAS21-7
23	3	D3,D5,D6	Diode, Schottky, BAT54, 30V, SOT23	Diodes Inc., BAT54-7 (2 Reels)
24	1	D4	Zener Diode, 12V, MMBZ5242B	Diodes Inc., MMBZ5242B-7
25	2	D7,D8	Schottky Diode, MBR0540, SOD-123	Diodes Inc., B0540W-7
26	1	L1	Inductor, 2uH,	PULSE, PA0373
27	1	L2	Inductor, 1uH,	Vishay, IHLP-2525CZ-01, 1.0uH, 20%
28	2	P2,P1	Connector, Swage Mount	Keystone, 1425-2
29	2	P4,P3	Connector, Swage Mount	Keystone, 1455-2
30	1	Q1	N-chan. Mosfet, Si7450DP, PowerPak SO-8	Vishay, Si7450DP
31	0	Q10 (OPT.)	N-chan. Mosfet, PowerPak SO-8	OPT.
32	3	Q2,Q9,Q17	XSTR., NPN, MMBT3904, SOT23	Diodes Inc., MMBT3904-7
33	6	Q3,Q4,Q5,Q6,Q13,Q14	N-chan. Mosfet, Si7892DP, PowerPak SO-8	Vishay, Si7892DP
34	2	Q7,Q8	XSTR., PNP, MMBT3906, SOT23	Diodes Inc., MMBT3906-7
35	1	Q11	XSTR., PNP, MMBT2907A, SOT23	Diodes Inc., MMBT2907A
36	0	Q15 (OPT.)	XSTR., PNP, SOT23	OPT.

Item	Qty	Reference	Part Description	Manufacture / Part #
37	1	Q12	XSTR., PNP, SOT23	ZETEX, FMMT718TA
38	0	Q18 (OPT.)	XSTR., NPN, SOT89	OPT.
39	2	R24,R1	RES., CHIP, 47, 1/16W, 5% 0603	AAC, CR16-470JM
40	0	R2 (OPT.)	RES., CHIP, 1206	OPT.
41	1	R3	RES., CHIP, 27.4K, 1/8W, 1%, 0805	AAC, CR10-2742FM
42	1	R4	RES., CHIP, 330, 1/8W, 5%, 0805	AAC, CR10-331JM
43	1	R5	RES., CHIP, 402K, 1/8W, 1%, 0805	AAC, CR10-4023FM
44	3	R6,R25,R26	RES., CHIP, 510, 1/16W, 5%, 0603	AAC, CR16-511JM
45	1	R7	RES., CHIP, 10, 1/8W, 5%, 0805	AAC, CR10-100JM
46	1	R8	RES., CHIP, 47K, 1/4W, 5%, 1206	AAC, CR18-473JM
47	1	R12	RES., CHIP, 49.9K, 1/4W, 1%, 1206	AAC, CR18-4992FM
48	1	R9	RES., CHIP, 0.033, 1.5W, 1%, 2512	IRC, LRC-LR2512-01-R033-F
49	2	R13,R10	RES., CHIP, 20K, 1/8W, 5%, 0805	AAC, CR10-203JM
50	1	R14	RES., CHIP, 15K, 1/16W, 1%, 0603	AAC, CR16-1502FM
51	1	R15	RES., CHIP, 3.01K, 1/16W, 1%, 0603	AAC, CR16-3011FM
52	1	R16	RES., CHIP, 100K, 1/16W, 5%, 0603	AAC, CR16-104JM
53	1	R17	RES., CHIP, 240K, 1/16W, 5%, 0603	AAC, CR16-244JM
54	1	R19	RES., CHIP, 62K, 1/16W, 5%, 0603	AAC, CR16-623JM
55	1	R18	RES., CHIP, 18K, 1/16W, 5%, 0603	AAC, CR16-183JM
56	1	R20	RES., CHIP, 100, 1/16W, 5%, 0603	AAC, CR16-101JM
57	1	R21	RES., CHIP, 7.5, 1/8W, 5%, 0805	AAC, CR10-7R5JM
58	1	R22	RES., CHIP, 10K 1/4W, 5%, 0603	AAC, CR16-103JM
59	0	R28,R29,R30,R43 (OPT.)	RES., 1206	OPT.
60	3	R27,R39,R41	RES., CHIP, 0 JUMPER, 0805	AAC, CJ10-000 M
61	0	R31,R40 (OPT.)	RES., 0805	OPT.
62	1	R32	RES., CHIP, 3.3, 1/4W, 5%, 1206	AAC, CR18-3R3JM
63	2	R33,R38	RES., CHIP, 3.0K, 1/4W, 5%, 0805	AAC, CR10-302JM
64	2	R34,R37	RES., CHIP, 470, 1/4W, 5%, 0805	AAC, CR10-471JM
65	1	R35	RES., CHIP, 2K, 1/4W, 5%, 0805	AAC, CR10-202JM
66	1	R36	RES., CHIP, 10K, 1/4W, 5%, 0805	AAC, CR10-103JM
67	1	R42	RES., CHIP, 120, 1/4W, 5% 1206	AAC, CR18-121JM
68	1	T1	Transformer, PA0168	PULSE, PA0168
69	1	T2	Transformer, PA0297	PULSE, PA0297
70	1	U1	I.C., LT1725CGN, SSOP-16GN	LINEAR, LT1725CGN
71	1	U2	I.C., LTC1693-1CS8, SO8	LINEAR, LTC1693-1CS8
72	4	STANDOFF	STANDOFF, NYLON HEX #4-40 1/2"	MICRO PLASTICS 14HTSP003
73	4		SCREW, #4-40, 1/4"	ANY
74	1		PRINTED CIRCUIT BOARD	DEMO CIRCUIT #562A-A

Item	Qty	Reference	Part Description	Manufacture / Part #
1	2	C1,C2	CAP., POSCAP, 100uF, 10V, 20%, D SIZE	SANYO, 10TPB100ML
2	1	C3	CAP., C0G, 1nF, 200V, 10%, 1812	AVX, 18122A102KAT2A
3	0	C4(OPT.)	CAP., 1206	
4	4	C5,C6,C24,C25	CAP., X7R, 0.82uF, 100V, 10%, 1812	Vishay Vitramon, VJ1812Y824KXBAT
5	1	C7	CAP., X7R, 2.2nF, 250V, 10%, GHM3045	Murata, GA355DR7GC222KY02L
6	2	C9,C20	CAP., C0G, 1nF, 25V, 10%, 0805	AVX, 08053A102KAT2A (2 Reels)
7	1	C10	CAP., Tant., 33uF, 25V, 10%, 7374H	AVX, TPSE336K025R0300
8	2	C8,C11	CAP., X7R, 0.1uF, 25V, 20%, 0805	AVX, 08053C104MAT2A
9	1	C12	CAP., C0G, 470pF, 25V, 10%, 0603	AVX, 06033A471KAT2A (2 Reels)
10	2	C13,C14	CAP., X5R, 0.1uF, 25V, 20%, 0603	AVX, 06033D104MAT2A (2 Reels)
11	1	C16	CAP., C0G, 820pF, 25V, 10%, 0805	AVX, 08053A821KAT2A (2 Reels)
12	1	C17	CAP., C0G, 47pF, 25V, 10%, 0603	AVX, 06033A470KAT2A
13	1	C18	CAP., X7R, 1nF, 25V, 20%, 0603	AVX, 06033C102MAT2A
14	1	C19	CAP., C0G, 680pF, 25V, 10%, 0603	AVX, 06033A681KAT2A
15	1	C21	CAP., X7R, 1uF, 25V, 20%, 1206	AVX, 12063C105MAT2A
16	1	C22	CAP., C0G, 220pF, 25V, 10%, 0603	AVX, 06033A221KAT2A
17	1	C23	CAP., X7R, 3.3nF, 25V, 20%, 0603	AVX, 06033C332MAT2A
18	0	C26 (OPT.)	CAP., 1206	OPT.
19	1	C31	CAP., X7R, 0.1uF, 25V, 10%, 0805	AVX, 08053C104KAT2A
20	1	C32	CAP., X7R, 0.022uF, 25V, 10%, 0805	AVX, 08053C223KAT2A
21	1	C33	CAP., X7R, 0.47uF, 50V, 10%, 1206	TDK, C3216X7R1H474K
22	2	D2,D1	Diode, BAS21-7, SOT23	Diodes Inc., BAS21-7
23	3	D3,D5,D6	Diode, Schottky, BAT54, 30V, SOT23	Diodes Inc., BAT54-7 (2 Reels)
24	1	D4	Zener Diode, 7.5V, MMBZ5242B	Diodes Inc., MMBZ5242B
25	2	D7,D8	Schottky Diode, MBR0540, SOD-123	Diodes Inc., B0540W-7
26	1	L1	Inductor, 2uH,	PULSE, PA0533
27	1	L2	Inductor, 1uH,	Vishay, IHLP-2525CZ-01, 1.0uH, 20%
28	2	P2,P1	Connector, Swage Mount	Keystone, 1425-2
29	2	P4,P3	Connector, Swage Mount	Keystone, 1455-2
30	1	Q1	N-chan. Mosfet, Si7450DP, PowerPak SO-8	Vishay, Si7450DP
31	3	Q2,Q9,Q17	XSTR., NPN, MMBT3904, SOT23	Diodes Inc., MMBT3904-7
32	4	Q3,Q4,Q5,Q6	N-chan. Mosfet, Si7848DP, PowerPak SO-8	Vishay, Si7848DP
33	0	Q10,Q13,Q14 (OPT.)	N-chan. Mosfet, PowerPak SO-8	OPT.
34	2	Q7,Q8	XSTR., PNP, MMBT3906, SOT23	Diodes Inc., MMBT3906-7
35	1	Q11	XSTR., PNP, MMBT2907A, SOT23	Diodes Inc., MMBT2907A
36	1	Q12	XSTR., PNP, SOT23	ZETEX, FMMT718TA

<b>Item</b>	<b>Qty</b>	<b>Reference</b>	<b>Part Description</b>	<b>Manufacture / Part #</b>
37	0	Q15 (OPT.)	XSTR., PNP, SOT23	OPT.
38	1	Q18	XSTR., NPN, SOT89	ZETEX, FCX491TA
39	2	R24,R1	RES., CHIP, 47, 1/16W, 5% 0603	AAC, CR16-470JM
40	0	R2 (OPT.)	RES., CHIP, 1206	OPT.
41	1	R3	RES., CHIP, 32.4K, 1/8W, 1%, 0805	AAC, CR10-3242FM
42	1	R4	RES., CHIP, 330, 1/8W, 5%, 0805	AAC, CR10-331JM
43	1	R5	RES., CHIP, 402K, 1/8W, 1%, 0805	AAC, CR10-4023FM
44	3	R6,R25,R26	RES., CHIP, 510, 1/16W, 5%, 0603	AAC, CR16-511JM
45	1	R7	RES., CHIP, 18, 1/8W, 5%, 0805	AAC, CR10-180JM
46	1	R8	RES., CHIP, 47K, 1/4W, 5%, 1206	AAC, CR18-473JM
47	1	R12	RES., CHIP, 54.9K, 1/4W, 1%, 1206	AAC, CR18-5492FM
48	1	R9	RES., CHIP, 0.030, 1.5W, 1%, 2512	IRC, LRC-LR2512-01-R030-F
49	2	R13,R10	RES., CHIP, 20K, 1/8W, 5%, 0805	AAC, CR10-203JM
50	1	R14	RES., CHIP, 15K, 1/16W, 1%, 0603	AAC, CR16-1502FM
51	1	R15	RES., CHIP, 3.01K, 1/16W, 1%, 0603	AAC, CR16-3011FM
52	1	R16	RES., CHIP, 100K, 1/16W, 5%, 0603	AAC, CR16-104JM
53	1	R17	RES., CHIP, 240K, 1/16W, 5%, 0603	AAC CR16-244JM
54	1	R19	RES., CHIP, 62K, 1/16W, 5%, 0603	AAC, CR16-623JM
55	1	R18	RES., CHIP, 18K, 1/16W, 5%, 0603	AAC, CR16-183JM
56	1	R20	RES., CHIP, 100, 1/16W, 5%, 0603	AAC, CR16-101JM
57	1	R21	RES., CHIP, 15, 1/8W, 5%, 0805	AAC, CR10-150JM
58	1	R22	RES., CHIP, 10K, 1/16W, 5%, 0603	AAC, CR16-103JM
59	0	R28-R30,R43 (OPT.)	RES., 1206	OPT.
60	1	R27	RES., CHIP, 0 JUMPER, 0805	AAC, CJ10-000 M
61	0	R31,R39 (OPT.)	RES., 0805	OPT.
62	1	R32	RES., CHIP, 10, 1/4W, 5%, 1206	AAC, CR18-100JM
63	2	R33,R38	RES., CHIP, 3.0K, 1/4W, 5%, 0805	AAC, CR10-302JM
64	3	R34,R37,R41	RES., CHIP, 470, 1/4W, 5%, 0805	AAC, CR10-471JM
65	1	R40	RES., 100, 1/4W, 5% 0805	AAC, CR10-101JM
66	1	R35	RES., CHIP, 2K, 1/4W, 5%, 0805	AAC, CR10-202JM
67	1	R36	RES., CHIP, 10K, 1/4W, 5%, 0805	AAC, CR10-103JM
68	1	R42	RES., CHIP, 240, 1/4W, 5%, 1206	AAC, CR18-241JM
69	1	T1	Transformer, PA0491	PULSE, PA0491
70	1	T2	Transformer, PA0297	PULSE, PA0297 (in Tubes)
71	1	U1	I.C., LT1725CGN, SSOP-16GN	LINEAR, LT1725CGN
72	1	U2	I.C., LTC1693-1CS8, SO8	LINEAR, LTC1693-1CS8
73	4	STANDOFF	STANDOFF, NYLON HEX #4-40 1/2"	MICRO PLASTICS 14HTSP003
74	4		SCREW, #4-40, 1/4"	ANY
75	1		PRINTED CIRCUIT BOARD	DEMO CIRCUIT #562A-B

Item	Qty	Reference	Part Description	Manufacture / Part #
1	2	C1,C2	CAP., POSCAP, 47uF, 16V, 20%, D3	SANYO, 16TPB47M
2	1	C3	CAP., C0G, 1nF, 200V, 10%, 1812	AVX, 18122A102KAT2A
3	1	C4	CAP., C0G, 680pF, 100V, 10%, 1206	AVX, 12061A681KAT2A
4	4	C5,C6,C24,C25	CAP., X7R, 0.82uF, 100V, 10%, 1812	Vishay Vitramon, VJ1812Y824KXBAT
5	1	C7	CAP., X7R, 2.2nF, 250V, 10%, GHM3045	Murata, GA355DR7GC222KY02L
6	2	C9,C20	CAP., C0G, 1nF, 25V, 10%, 0805	AVX, 08053A102KAT2A (2 Reels)
7	1	C10	CAP., Tant., 33uF, 25V, 10%, 7374H	AVX, TPSE336K025R0300
8	2	C8,C11	CAP., X7R, 0.1uF, 25V, 20%, 0805	AVX, 08053C104MAT2A
9	1	C12	CAP., C0G, 470pF, 25V, 10%, 0603	AVX, 06033A471KAT2A (2 Reels)
10	2	C13,C14	CAP., X5R, 0.1uF, 25V, 20%, 0603	AVX, 06033D104MAT2A (2 Reels)
11	1	C16	CAP., C0G, 820pF, 25V, 10%, 0805	AVX, 08053A821KAT2A (2 Reels)
12	1	C17	CAP., C0G, 47pF, 25V, 10%, 0603	AVX, 06033A470KAT2A
13	1	C18	CAP., X7R, 1nF, 25V, 20%, 0603	AVX, 06033C102MAT2A
14	1	C19	CAP., C0G, 680pF, 25V, 10%, 0603	AVX, 06033A681KAT2A
15	1	C21	CAP., X7R, 1uF, 25V, 20%, 1206	AVX, 12063C105MAT2A
16	1	C22	CAP., C0G, 220pF, 25V, 10%, 0603	AVX, 06033A221KAT2A
17	1	C23	CAP., X7R, 3.3nF, 25V, 20%, 0603	AVX, 06033C332MAT2A
18	0	C26 (OPT.)	CAP., 1206	OPT.
19	1	C31	CAP., X7R, 0.1uF, 25V, 10%, 0805	AVX, 08053C104KAT2A
20	1	C32	CAP., X7R, 0.022uF, 25V, 10%, 0805	AVX, 08053C223KAT2A
21	0	C33 (OPT.)	CAP., 1812	OPT.
22	2	D2,D1	Diode, BAS21-7, SOT23	Diodes Inc., BAS21-7
23	3	D3,D5,D6	Diode, Schottky, BAT54, 30V, SOT23	Diodes Inc., BAT54-7 (2 Reels)
24	1	D4	Zener Diode, 10V, MMBZ5242B	Diodes Inc., MMBZ5242B-7
25	0	D7,D8 (OPT.)	Diode, SOD-123	OPT.
26	1	L1	Inductor, 4uH,	PULSE, PA0465
27	1	L2	Inductor, 1uH,	Vishay, IHLP-2525CZ-01, 1.0uH, 20%
28	2	P2,P1	Connector, Swage Mount	Keystone, 1425-2
29	2	P4,P3	Connector, Swage Mount	Keystone, 1455-2
30	2	Q1,Q10	N-chan. Mosfet, Si7450DP, PowerPak SO-8	Vishay, Si7450DP
31	3	Q2,Q9,Q17	XSTR., NPN, MMBT3904, SOT23	Diodes Inc., MMBT3904-7
32	4	Q3,Q4,Q5,Q6	N-chan. Mosfet, Si7852DP, PowerPak SO-8	Vishay, Si7852DP
33	0	Q10,Q13,Q14(OPT.)	N-chan. Mosfet, PowerPak SO-8	Vishay, Si7456DP
34	2	Q7,Q8	XSTR., PNP, MMBT3906, SOT23	Diodes Inc., MMBT3906-7
35	1	Q11	XSTR., PNP, MMBT2907A, SOT23	Diodes Inc., MMBT2907A
36	1	Q12	XSTR., PNP, SOT23	ZETEX, FMMT718

Item	Qty	Reference	Part Description	Manufacture / Part #
37	0	Q15 (OPT.)	XSTR., PNP, SOT23	OPT.
38	0	Q18 (OPT)	XSTR., PNP, SOT89	OPT.
39	2	R24,R1	RES., CHIP, 47, 1/16W, 5% 0603	AAC, CR16-470JM
40	1	R2	RES., CHIP, 10, 1/4W, 5%, 1206	AAC, CR18-100JM
41	1	R3	RES., CHIP, 32.4K, 1/8W, 1%, 0805	AAC, CR10-3242FM
42	1	R4	RES., CHIP, 330, 1/8W, 5%, 0805	AAC, CR10-331JM
43	1	R5	RES., CHIP, 402K, 1/8W, 1%, 0805	AAC, CR10-4023FM
44	3	R6,R25,R26	RES., CHIP, 510, 1/16W, 5%, 0603	AAC, CR16-511JM
45	1	R7	RES., CHIP, 18, 1/8W, 5%, 0805	AAC, CR10-180JM
46	1	R8	RES., CHIP, 47K, 1/4W, 5%, 1206	AAC, CR18-473JM
47	1	R12	RES., CHIP, 61.9K, 1/4W, 1%, 1206	AAC, CR18-6192FM
48	1	R9	RES., CHIP, 0.020, 1.5W, 1%, 2512	IRC, LRC-LRF2512-01-R020-F
49	2	R13,R10	RES., CHIP, 20K, 1/8W, 5%, 0805	AAC, CR10-203JM
50	1	R14	RES., CHIP, 15K, 1/16W, 1%, 0603	AAC, CR16-1502FM
51	1	R15	RES., CHIP, 3.01K, 1/16W, 1%, 0603	AAC, CR16-3011FM
52	1	R16	RES., CHIP, 100K, 1/16W, 5%, 0603	AAC, CR16-104JM
53	1	R19	RES., CHIP, 62K, 1/16W, 5%, 0603	AAC, CR16-623JM
54	1	R17	RES., CHIP, 240K, 1/16W, 5%, 0603	AAC, CR16-244JM
55	1	R18	RES., CHIP, 18K, 1/16W, 5%, 0603	AAC, CR16-183JM
56	1	R20	RES., CHIP, 100, 1/16W, 5%, 0603	AAC, CR16-101JM
57	1	R21	RES., CHIP, 15, 1/8W, 5%, 0805	AAC, CR10-150JM
58	1	R22	RES., CHIP, 10K, 1/16W, 5%, 0603	AAC, CR16-103JM
59	0	R28-R30,R32 (OPT.)	RES., CHIP, 1206	OPT.
60	3	R27,R39,R41	RES., CHIP, 0 JUMPER, 0805	AAC, CJ10-000 M
61	1	R31	RES., CHIP, 68, 1/8W, 5%, 0805	AAC, CR10-680JM
62	2	R33,R38	RES., CHIP, 3.0K, 1/4W, 5%, 0805	AAC, CR10-302JM
63	1	R34,R37	RES., CHIP, 470, 1/4W, 5%, 0805	AAC, CR10-471JM
64	1	R35	RES., CHIP, 1K, 1/4W, 5%, 0805	AAC, CR10-102JM
65	1	R36	RES., CHIP, 10K, 1/4W, 5%, 0805	AAC, CR10-103JM
66	0	R40 (OPT.)	RES., CHIP, 0805	OPT.
67	2	R42,R43	RES., CHIP, 2K, 1/4W, 5% 1206	AAC, CR18-202JM
68	1	T1	Transformer, PA0423	PULSE, PA0423
69	1	T2	Transformer, PA0297	PULSE, PA0297
70	1	U1	I.C., LT1725CGN, SSOP-16GN	LINEAR, LT1725CGN
71	1	U2	I.C., LTC1693-1CS8, SO8	LINEAR, LTC1693-1CS8
72	4	STANDOFF	STANDOFF, NYLON HEX #4-40 1/2"	MICRO PLASTICS 14HTSP003
73	4		SCREW, #4-40, 1/4"	ANY
74	1		PRINTED CIRCUIT BOARD	DEMO CIRCUIT #562A-C