

7/17/03

Item	Qty	Reference	Part Description	Manufacture / Part #
1	3	C1,C2,C29	CAP., POSCAP, 150uF, 6.3V, 20%, D SIZE	SANYO, 6TPB150ML
2	1	C25	CAP., X7R, 0.82uF, 100V, 10%, 1812	Vishay Vitramon, VJ1812Y824KXBAT
3	0	C5 (OPT.)	CAP., 1812	OPT.
4	1	C7	CAP., X7R, 2.2nF, 250V, 10%, GHM3045	Murata, GA355DR7GC222KY02L
5	2	C8,C11	CAP., X7R, 0.1uF, 25V, 20%, 0805	AVX, 08053C104MAT2A
6	1	C10	CAP., Tant., 47uF, 20V, 20%, D SIZE	AVX, TPSD476M020R0200
7	1	C12	CAP., C0G, 470pF, 25V, 10%, 0603	AVX, 06033A471KAT2A
8	1	C13	CAP., X5R, 0.1uF, 25V, 20%, 0603	AVX, 06033D104MAT2A
9	1	C17	CAP., C0G, 47pF, 25V, 10%, 0603	AVX, 06033A470KAT2A
10	1	C18	CAP., X5R, 0.22uF, 16V, 20%, 0603	TaiyoYuden, EMK107BJ224MA
11	1	C19	CAP., C0G, 680pF, 25V, 10%, 0603	AVX, 06033A681KAT2A
12	1	C20	CAP., C0G, 1nF, 25V, 10%, 0805	AVX, 08053A102KAT2A
13	1	C21	CAP., X7R, 1uF, 25V, 20%, 1206	AVX, 12063C105MAT2A
14	0	C22 (OPT.)	CAP., 0603	OPT.
15	1	C23	CAP., X7R, 3.3nF, 25V, 20%, 0603	AVX, 06033C332MAT2A
16	1	C30	CAP., 22uF, 100V, 8x11.5mm, (Lay On Board)	SANYO 100MV22AX
17	1	C31	CAP., X7R, 0.01uF, 25V, 20%, 1206	AVX, 12063C103MAT2A
18	1	D2	Diode, BAS21-7, SOT23	Diodes Inc., BAS21-7
19	2	D6,D5	Diode, Schottky, BAT54, 30V, SOT23	Diodes Inc., BAT54-7
20	1	D7	Schottky Diode, MBR0540, SOD-123	Diodes Inc., B0540W-7
21	4	E1,E2,E3,E4	TURRET,	MILL-MAX, 2501-2
22	1	E5	CONNECTOR, Swage Mount PIN40	KEYSTONE, 1425-2
23	1	L1	INDUCTOR, 4.7uH DO1608	COILCRAFT, DO1608C-472
24	1	Q1	FET, N-CHANNEL, Si4490	VISHAY, Si4490DY
25	2	Q9,Q13	XSTR., NPN, MMBT3904, SOT23	Diodes Inc., MMBT3904-7
26	0	Q2 (OPT.)	XSTR, NPN, SOT 23	OPT.
27	1	Q3	FET, N-CHANNEL, Si7892DP	VISHAY, Si7892DP
28	1	Q11	XSTR., PNP, MMBT3906, SOT23	Diodes Inc., MMBT3906-7
29	1	Q12	XSTR., PNP, FMMT718 SOT23	ZETEX, FMMT718TA
30	1	R1	RES., CHIP, 47, 1/16W, 5% 0603	AAC, CR16-470JM
31	1	R3	RES., CHIP, 26.7K, 1/8W, 1%, 0805	AAC, CR10-2672FM
32	1	R4	RES., CHIP, 330, 1/8W, 5%, 0805	AAC, CR10-331JM
33	1	R5	RES., CHIP, 402K, 1/8W, 1%, 0805	AAC, CR10-4023FM
34	1	R7	RES., CHIP, 20, 1/8W, 5%, 0805	AAC, CR10-200JM
35	1	R8	RES., CHIP, 47K, 1/4W, 5%, 1206	AAC, CR18-473JM

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Item	Qty	Reference	Part Description	Manufacture / Part #
36	1	R9	RES., CHIP, 0.22, 1.5W, 1%, 2512	IRC, LRC-LR2512-01-R220-F
37	1	R13	RES., CHIP, 10K, 1/4W, 5%, 0805	AAC, CR10-103JM
38	1	R22	RES., CHIP, 10K, 1/4W, 5%, 0603	AAC, CR16-103JM
39	1	R18	RES., CHIP, 4.7K, 1/4W, 5% 0603	AAC, CR16-472JM
40	1	R14	RES., CHIP, 15K, 1/16W, 1%, 0603	AAC, CR16-1502FM
41	1	R15	RES., CHIP, 3.01K, 1/16W, 1%, 0603	AAC, CR16-3011FM
42	1	R16	RES., CHIP, 100K, 1/16W, 5%, 0603	AAC, CR16-104JM
43	2	R19,R17	RES., CHIP, 62K, 1/16W, 5%, 0603	AAC, CR16-623JM
44	0	R20,R24,R29 (OPT.)	RES., CHIP, 0603	OPT.
45	1	R26	RES., CHIP, 100, 1/16W, 5%, 0603	AAC, CR16-101JM
46	1	R27	RES., CHIP, 47, 1/4W, 5%, 0805	AAC, CR10-470JM
47	1	R28	RES., CHIP, 1K, 1/4W, 5%, 1206	AAC, CR18-102JM
48	1	T1	Transformer, PB2134	PULSE, PB2134
49	1	T2	Transformer, 1.4mH min. 50kHz, PA0184	PULSE, PA0184
50	1	U1	I.C., LT1725CGN, SSOP-16GN	LINEAR, LT1725CGN
51	1		PRINTED CIRCUIT BOARD	DEMO CIRCUIT # DC638A