

5/5/2009

Item	Qty	Reference	Part Description	Manufacturer / Part #	
1	13	C1-C13	CAP, 1206 100nF 20% 100V X7R	TDK C3216X7R2A104M	
2	2	C14,C15	CAP, 0603 1uF 10% 16V X7R	TDK C1608X7R1C105K	
3	0	C16,C17	CAP, 0603 OPTION	OPTION	
4	3	C19-C21	CAP, 0603 0.1uF 10% 25V X7R	AVX 06033C104KAT	
5	1	C18	CAP, 1210 820pF 10% 500V NPO	AVX 12107A821KAT	
6	4	D26-D29	DIODE, SWITCHING	VISHAY RS07J	
7	2	D25,D33	DIODE, SCHOTTKY	Central CMDSH2-3	
8	2	D30,D31	DIODE, SCHOTTKY	DIODES INC. BAT46W	
9	0	DA1	DIODE, BUS-port ESD protection	CAL MICRO CM1223-04SO	
	1	ALTERNATE		NXP PRTR5VOU4D	
10	0	D13-D24	DIODE, ZENER, OPTION	OPTION	
11	12	D1-D12	DIODE, ZENER,7.5V	PHILIPS PDZ7.5B	
12	1	D32	DIODE, ZENER,62V	CENTRAL SEMI. CMHZ5265B	
13	3	E1-E3	TURRET	MILL MAX 2308-2-00-80-00-00-07-0	
14	1	J1	HEADER, 1X16 3.5mm, HORIZ.	WEIDMULLER 1761682001	
	0	ALTERNATE		WEIDMULLER 161419000	
15	3	H1-H3	HEADER, 2X7 2mm	MOLEX 87831-1420	
16	10	JP1-JP9 (2 ea for JP1)	SHUNT, 2mm	SAMTEC 2SN-BK-G	
17	8	JP2-JP9	HEADER,3PIN, 2mm	SAMTEC TMM-103-02-L-S	
18	1	JP1	HEADER, 2X3 2mm	SAMTEC TMM-103-02-L-D	
19	1	L1	IND, BEAD, 1206	MURATA BLM31PG330SN1L	
20	12	LED1-LED12	LED,	LITE-ON LTST-C190KGKT	
21	12	Q1-Q12	XSTR, MOSFET, P-CHANNEL	ROHM RTR020P02	
22	2	Q18,Q19	MOSFET, N-CHANNEL 60-V	VISHAY 2N7002K	
23	1	Q17	XSTR, PNP, 80V	Central CMPT8599	
24	4	Q13-Q16	XSTR,NPN, 80V	Central CMPT8099	
25	13	R13-R24,R75	RES, 0603 3.3K OHMS 5% 1/16W	NIC NRC06J332TRF	
26	24	R1-R12,R49,R54,R57,R62-R66, R70-R73	RES, 0603 100 OHMS 5% 1/16W	NIC NRC06J101TRF	
27	1	R69	RES, 0603 22K OHMS 5% 1/16W	NIC NRC06J223TRF	
28	12	R25-R36	RES, 0603 475 OHMS 1% 1/16W	NIC NRC06F4750TRF	
29	2	R55,R56	RES, 0603 10.0K OHMS 1% 1/16W	NIC NRC06F1002TRF	
30	2	R67,R68	RES, 0603 4.99K OHMS 1% 1/16W	NIC NRC06F4991TRF	
31	4	R50-R53	RES, 0603 1M OHMS 1% 1/16W	NIC NRC06F1004TRF	
32	12	R37-R48	RES, 2512 33 OHMS 5% 1W	NIC NRC100J330TRF	

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33	2	R61,R74	RES, 0603 1.8K OHMS 5% 1/16W	NIC NRC06J182TRF	
34	3	R58-R60	RES, 0603 2.2k OHMS 5% 1/16W	NIC NRC06J222TRF	
35	1	U1	IC, BATTERY MONITOR	LINEAR TECH. LTC6802IG-2	
36	0	U5	IC, QUAD ISOLATOR OPTION	OPTION	
37	1	U2	IC, OP AMP	LINEAR TECH. LT6004IMS8#pbf	
38	1	U3	IC, 24LC025-I/ST	MICROCHIP TECH. 24LC025-I/ST	
39	1	U4	OPTOISOLATOR	FAIRCHILD MOC207-M	
40	1	J1 (mate)	CONN. MATING 1X16 3.5	WEIDMULLER 1615770000	
41	1		FAB, PRINTED CIRCUIT BOARD	DEMO CIRCUIT 1393B	
42	1		STENCIL	STENCIL DC1393B	