

6/18/2010

Item	Qty	Reference	Part Description	Manufacturer / Part #
1	13	C1-C13	CAP, 1206 100nF 10% 100V X7R	MURATA GCM319R72A104KA37D
2	2	C14,C15	CAP, 0603 1uF 10% 16V X7R	MURATA GCM188R71C105KA64D
3	1	C16-C18	CAP, 0603 100nF 10% 25V X7R	MURATA GCM188R71E104KA57D
4	1	C19	CAP, 1206 1000pF 5% 630V X7R	MURATA GCM31A7U2J102JX01D
5	3	D1-D3	DIODE, SWITCHING	VISHAY RS07J
6	6	D33,D34	DIODE, SCHOTTKY	DIODES INC. BAT46W
7	12	D8-D19	DIODE, 7.5V, 200mW, SOD323	PHILIPS PDZ7.5B
8	0	D20-D31	DIODE, OPTION	
9	1	D35	DIODE, ZENER, 62V	CENTRAL SEMI. CMHZ5265B
10	5	E1-E5	TURRET	MILL MAX 2308-2-00-80-00-00-07-0
11	1	J1	HEADER, 1X16 3.5mm, HORIZ.	WEIDMULLER 1761682001
	0	J1 ALTERNATE		WEIDMULLER 161419000
12	2	J2,J3	HEADER, 2X7 2mm	MOLEX 87831-1420
13	4	J4,J6-J8	SHUNT	SAMTEC 2SN-BK-G
14	0	J5	SHUNT	OPTION
15	4	J4,J6-J8	HEADER, 3PIN, 2mm	SAMTEC TMM-103-02-L-S
16	0	J5	HEADER, 3PIN, 2mm	OPTION
17	8	L1-L8	IND, BEAD, 1206	MURATA BLM31PG330SN1L
18	12	LED1-LED12	LED,	LITE-ON LTST-C190KGKT
19	12	Q1-Q12	XSTR, MOSFET, P-CHANNEL	RENASAS RQJ0303PGDQATL
20	1	R4	RES, 1206 100 OHMS 5% 1/4W	NIC NRC12J101TRF
21	14	R5,R7,R9,R11,R13,R15,R17,R19, R21,R23,R25,R27,R31,R32	RES, 0603 100 OHMS 1% 1/16W	NIC NRC06F1000TRF
22	12	R6,R8,R10,R12,R14,R16, R18,R20,R22,R24,R26,R28	RES, 0603 475 OHMS 1% 1/16W	NIC NRC06F4750TRF
23	2	R30,R29	RES, 0603 10K OHMS 1% 1/16W	NIC NRC06F1002TRF
24	2	R33,R34	RES, 0603 4.99K OHMS 1% 1/16W	NIC NRC06F4991TRF
25	0	R35,R40	RES, 1206 OPTION	
26	8	R36-R39,R69-R72	RES, 0603 1M OHMS 1% 1/16W	NIC NRC06F1004TRF
27	12	R45-R56	RES, 2512 33 OHMS 5% 1W	NIC NRC100J330TRF
28	12	R57-R68	RES, 0603 3.3K OHMS 5% 1/16W	NIC NRC06J332TRF
29	1	U1	IC, BATTERY MONITOR	LINEAR TECH. LTC6803IG-1

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<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>
30	1	U2	IC, OP AMP	LINEAR TECH. LT6004IMS8#pbf
31	1	U3	IC, 24LC025-I/ST	MICROCHIP TECH. 24LC025-I/ST
32	1	J1	CONN. MATING 1X16 3.5	WEIDMULLER 1615770000
33	1		FAB, PRINTED CIRCUIT BOARD	DEMO CIRCUIT 1651A
34	1		STENCIL	STENCIL 1651A