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Item	Qty	Reference	Part Description	Manufacturer / Part #
1	1	C1	CAP., 10uF 35V 20% CAP-CE-5X6.0	SANYO 35CE10AX
2	5	C2,C5,C6,C12,C23	CAP., 0.1uF 50V % 0603	TDK C1608X7R1H104K
3	1	C7	CAP., 2.2uF 16V 20% 0805	TDK C2012X5R1C225M
4	8	C8,C9,C10,C11,C16,C17, C18,C19	CAP., 10uF 25V % 1206	Taiyo Yuden TMK316BJ106ML
5	1	C13	CAP., 0.1uF 16V 10% 0402	TDK C1005X7R1C104K
6	0	C14 (OPT)	CAP., 0402	MF 0402
7	1	C15	CAP., 4.7nF 50V 10% 0402	TDK C1005X7R1H472K
8	1	C20	CAP., 10pF 50V +/-0.5% 0402	TDK C1005C0G1H100D
9	0	C21,C25	CAP., 0.1uF 16V 10% 0402	TDK C1005X7R1C104K
10	1	C22	CAP., 1uF 25V 10% 1206	AVX 12063C105KAT
11	1	C24	CAP., 10uF 16V 20% 3528	AVX TAJB106M016
12	1	D1	Schottky Diode, 30V SOD-323	Central Semi. CMDSH-3TR
13	1	D2	Diode Schottky 40V/3Amp	ON Semiconductor MBRS340T3
14	0	D3 (OPT)	Schottky Rectifier, 40V/5A powermite#3	Diodes Inc. SBM540-13-F
15	1	D4	DIODE ZENER, 18V SOD-323	Diodes Inc., MMSZ5248BS
16	2	D5,D8	DIODE (GREEN)	Panasonic LN1351C-(TR) PBF
17	2	D6,D7	DIODE (YELLOW)	Panasonic LN1451C-(TR) PBF
18	1	JP1	Headers, 2 x 8 (2mm Ctrs.)	Samtec TMM-108-02-L-D
19	1	JP2	Headers, Dbl. Row 2 x 3 2mm Ctrs.	Samtec TMM-103-02-L-D
20	3	JP3,JP4,JP5	Headers, Sgl. Row 3 Pins 2mm Ctrs.	Samtec TMM-103-02-L-S
21	6	J1,J2,J3,J4,J5,J6	Connector, Banana Jack	Keystone 575-4
22	1	J7	Connector, AMP-787441-1	AMP Inc. 787441-1
23	1	L1	Inductor, 2.2uH	VISHAY IHLP-2525CZ-01 2R2uH
24	0	L2 (OPT)	Ind., IHLP5050CE-01	
25	0	L3 (OPT)	Ind., CEP125	
26	1	P1	Connector DB, R-Angle Female 15 pin	AMP 1-1734530-3

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27	2	Q1,Q11	Mosfet P-Chan., 30V PowerPAK1212-8	Vishay Si7129DN-T1-GE3 #PbF
28	2	Q2,Q3	Mosfet-N Channel, 30V/10A	Renesas RJK0305DPB-00-J0
29	2	Q4,Q16	N-MOSFET, SOT23	ZETEX 2N7002
30	0	Q5,Q6 (OPT)	Mosfet P-Chan., 30V PowerPAK1212-8	Vishay Si7129DN-T1-GE3 #PbF
31	0	Q7,Q9 (OPT)	XSTR., 12V NPN/PNP SOT23-6	Diode Inc ZXTC2063E6
32	0	Q8,Q10 (OPT)	Mosfet-N Channel, 30V/10A	Renesas RJK0305DPB-00-J0
33	1	Q12	TRANSISTOR, MMBT3906WT1 SOT-323	On Semi., MMBT3906WT1G
34	3	Q13,Q14,Q15	P-Chan., SOT23	Siliconix TP0610T
35	0	Q17 (OPT)	N-Channel, 20V SC-75	Philips Semi. (NXP) PMR280UN
36	0	RT1 (OPT)	Thermistor, 100K 0603	Murata NCP18WF104F12RB
37	1	R1	Resistor, LRC 0.010 1W 1% 2512	IRC LR2512-01-R010-F
38	1	R2	RES., CHIP 10K 1/16W 1% 0603	NIC COMP NCR06F1002TRF
39	1	R3	RES., CHIP 5.1K 1/16W 1% 0603	VISHAY CRCW06035K10FKEA
40	1	R4	RES., CHIP 165K 1/16W 1% 0402	VISHAY CRCW0402165KFKEA
41	3	R5,R6,R30	RES., CHIP 100K 1/16W 1% 0402	AAC, CR05-104JM
42	3	R9,R12,R43	Res/Jumper, Chip 0 Ohm 1/16W 1 AMP 0603	VISHAY CRCW06030000ZEA
43	1	R7	RES., CHIP 10 Ohm 1/16W 5% 0603	VISHAY CRCW060310R0JNEA
44	1	R8	RES., CHIP 6.04K 1/16W 1% 0402	VISHAY CRCW04026K04FKEA
45	1	R10	Resistor, LRC 0.012 1W 1% 2512	IRC LR2512-01-R012-F
46	1	R13	RES., CHIP 27.4K 1/16W 1% 0402	VISHAY CRCW040227K4FKEA
47	1	R14	RES., CHIP 184K 1/16W 0.25% 0402	NIC COMP NTR-04C1843DTRF
48	2	R15,R16	RES., CHIP 3.01K 1/16W 1% 0402	VISHAY CRCW04023K01FKEA
49	1	R17	RES., CHIP 74.1K 1/16W 0.25% 0402	NIC COMP NTR-04C7412DTRF
50	1	R18	RES., CHIP 30.9K 1/16W 0.25% 0402	NIC COMP NTR-04C3092DTRF
51	1	R19	RES., CHIP 19.6K 1/16W 0.25% 0402	NIC COMP NTR-04C1962DTRF

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52	1	R20	RES., CHIP 14.3K 1/16W 0.25% 0402	NIC COMP NTR-04C1432DTRF
53	1	R21	RES., CHIP 93.1K 1/16W 0.25% 0402	NIC COMP NTR-04C9312DTRF
54	1	R22	RES., CHIP 37.0K 1/16W 0.25% 0402	NIC COMP NTR-04C3702DTRF
55	1	R23	RES., CHIP 23.2K 1/16W 0.25% 0402	NIC COMP NTR-04C2322DTRF
56	1	R24	RES., CHIP 16.9K 1/16W 0.25% 0402	NIC COMPNTR-04C1692DTRF
57	1	R25	RES., CHIP 232 1/16W 1% 0402	VISHAY CRCW0402232RFKED
58	1	R26	RES., CHIP 499K 1/16W 1% 0603	VISHAY CRCW0603499KFKEA
59	1	R27	RES., CHIP 10 1/16W 5% 0603	AAC, CR05-104JM
60	1	R31	RES., CHIP 28.0K 1/16W 1% 0603	VISHAY CRCW060328K0FKEA
61	4	R32,R33,R34,R35	RES., CHIP 300 1/16W 5% 0603	AAC CR16-301JM
62	0	R36 (OPT)	Res., Chip 54.9K 0.06W 1% 0603	
63	0	R37 (OPT)	Res., Chip 243K 0.06W 1% 0603	
64	0	R38 (OPT)	Res., Chip 13.0K 0.06W 1% 0603	
65	0	R40,R41 (OPT)	Res/Jumper, Chip 0 Ohm 1/16W 1 AMP 0603	
66	0	R42 (OPT)	Res., Chip 26.1K 0.06W 1% 0603	
67	0	THERM1,THERM2,TP14 (OPT)	Turret, Testpoint MM/2308	Mill Max 2308
68	13	TP1,TP2,TP3,TP4,TP5,TP6,	Turret, Testpoint MM/2308	Mill Max 2308
		TP7,TP8,TP9,TP10,TP11		
		TP12,TP13		
69	1	U1	I.C. Batt. Charger QFN(20)(UF)4MMX4MM	LINEAR LTC4012CUF
70	1	U2	I.C., Volt. Reg. DFN(06)(DC)2MMX2MM	Linear Tech. Corp. LT3008EDC-5
71	5	XJP1,XJP2,XJP3,XJP4,XJP5	Shunt, 2mm Ctrs.	Samtec 2SN-BK-G
72	4		STAND-OFF, NYLON 0.5" tall	KEYSTONE, 8833(SNAP ON)
73	1		FAB, PC-1614A Rev 1	DEMO CIRCUIT 1614A
74	2		STENCIL	STENCIL DC1614A