

Item	Qty	Reference	Part Description	Manufacturer / Part #
REQUIRED CIRCUIT COMPONENTS:				
1	1	C1	Cap., Alum 10uF 35V 10%	SANYO 35CE10AX
2	6	C2,C6,C7,C20,C21,C22	Cap., X5R 10uF 25V 10% 1210	Taiyo Yuden TMK325BJ106KM
3	2	C3,C4	Cap., X7R 0.1uF 50V 10% 0805	AVX 08055C104KAT1A
4	5	C5,C10,C15,C17,C24	Cap., X7R 0.1uF 25V 10% 0603	AVX 06033C104KAT1A
5	1	C8	Cap., X7R .12uF 25V 10% 0805	AVX 08053C124KAT1A
6	3	C9,C19,C23	Cap., X7R 100pF 25V 10% 0603	AVX 06033C101KAT2A
7	1	C11	Cap., X7R 1uF 35V 10% 1206	Taiyo Yuden GMK316BJ105KL-T
8	1	C12	Cap., X7R .012uF 25V 10% 0603	AVX 06033C123KAT1A
9	1	C13	Cap., X7R 1800pF 25V 20% 0603	AVX 06033C182MAT2A
10	1	C14	Cap., X7R .22uF 10V 10% 0603	AVX 0603ZC224KAT1A
11	1	C16	Cap., Tant. 4.7uF 16V 20% 3528	AVX TAJB475M016
12	1	C18	Cap., 0.47uF 16V 20% X5R	AVX 0603YD474MAT2A
13	1	D1	Schottky Diode	Central Semi. Corp CMDSH-3
14	1	D2	Diode, MBRM140T3	ON SEMI MBRM140T3
15	1	D5	Schottky (Comm-Anode) Diode SOT23	Diode Inc. BAT54A-7-F
16	1	L1	Inductor, 10uH	Toko 892NAS-100M
17	3	Q1,Q3,Q5	Dual P-Chan., 30V SO8NB	Fairchild FDS4935BZ
18	3	Q2,Q4,Q6	Dual N-Chan., 30V/7.5A SO8NB	Fairchild FDS6910
19	1	R1	Sense Res., LRC 0.028 0.25W 1% 1206	IRC LR1206-01-R028-F
20	1	R2	Sense Res., LRC 0.012 0.25W 1% 1206	IRC LR1206-01-R012-F
21	1	R3	Res., CR 10K 1/16W 0.5% 0603	THIN FILM RR0816P-103-D
22	1	R4	Res., Chip 5.11K 0.1W 1% 0603	Vishay CRCW06035K11FKEA
23	1	R5	Res., CR 280K 1/16W 0.5% 0603	THIN FILM RR0816P2803D
24	1	R6	Res., Chip 105K 0.1W 1% 0603	Vishay CRCW0603105KFKEA
25	1	R7	Res., CR 49.9K 1/16W 0.5% 0603	THIN FILM RR0816P-4992-D-68C
26	1	R8	Res., CR 1K 1/16W 0.5% 0603	THIN FILM RR0816P-102-D
27	1	R9	Res., Chip 3.3K 0.1W 5% 0603	Vishay CRCW06033K30JNEA
28	1	R10	Sense Res., LRC 0.025 0.25W 1% 1206	IRC LR1206-01-R025-F
29	1	R11	Res., Chip 51K 0.1W 5% 0603	Vishay CRCW060351K0JNEA
30	1	R12	Res., Chip 100 0.1W 5% 0603	Vishay CRCW0603100RJNEA
31	1	R18	Res., Chip 100 0.1W 1% 0603	Vishay CRCW0603100RFKEA
32	1	R19	Res., Chip 1K 0.06W 5% 0603	Vishay CRCW06031K00JNEA
33	1	U1	I.C., Dual Battery Charger	LINEAR TECH. LTC1960CG

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
1	2	D3,D4	Schottky (Comm-Cath)	Zetex BAV70
2	4	D6,D7,D8,D9	Schottky Diode, Dual SOT23	Diodes Inc. BAT54S-7-F
3	1	R13	Res., Chip 10 0.1W 5% 0603	Vishay CRCW060310R0JNEA
4	4	R14,R15,R16,R17	Res., Chip 220K 0.1W 5% 0603	Vishay CRCW0603220KJNEA
HARDWARE-FOR DEMO BOARD ONLY:				
1	16	TP1-TP16	Testpoint,	MILL-MAX 2308-2
2	4	MH1-MH4	STANDOFF, NYLON, 0.25"	KEYSTONE, 8831 (SNAP ON)
3	1	JP1	Headers, 3 Pins 2mm Ctrs.	SULLINS NRPN031PAEN-RC
4	1	J1	Connector	Cui-Stack CUI-PJ002A
5	2	J2,J3	Connector	AMP Inc. 787441-1
6	1	P1	DB15F 2mm, DB15	AMP Inc. 74-8390-5