

Item	Qty	Reference - Des	Part Description	Manufacturer, Part #
REQUIRED CIRCUIT COMPONENTS:				
1	1	C1	CAP, CHIP, X5R, 1.0uF, 10V, 0603	TDK, C1608X5R1A105K
2	2	C2,C4	CAP, CHIP, COG, 22pF, 50V, 0402	AVX, 04025A220JAT
3	2	C3,C5	CAP, CHIP, X5R, 10uF, 4V, 0603	TDK, C1608X5R0G106M
4	1	C6	CAP, CHIP, X5R, 2.2uF, 6.3V, 0603	TDK, C1608X5R0J225M
5	1	R6	RES, 0402, 1.74K OHM, 1%, 1/16W	VISHAY, CRCW04021K74FKED
6	1	R8	RES, 0402, 665K OHM, 1%, 1/16W	VISHAY, CRCW0402665KFKED
7	1	R9	RES, 0402, 309K OHM, 1%, 1/16W	VISHAY, CRCW0402309KFKED
8	1	R10	RES, 0402, 324K OHM, 1%, 1/16W	VISHAY, CRCW0402324KFKED
9	1	R11	RES, 0402, 649K OHM, 1%, 1/16W	VISHAY, CRCW0402649KFKED
10	2	L1,L2	INDUCTOR, 4.7uH, 0.130 Ohms, 1.3A	TOKO, 1098AS-4R7M
11	1	U1	USB BAT CHARGER WITH DUAL BUCKS	LINEAR TECH, LTC3559EUD
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
1	0	C7 - OPT	CAP, CHIP, X5R, 10uF, 10V, 0805	MUR, GRM21BR61A106KE19
2	1	C8	CAP, CHIP, X5R, 4.7uF, 6.3V, 0603	MUR, GRM188R60J475KE19D
3	3	R1,R2,R3	RES, 0402, 1.00M OHMS, 1% 1/16W	VISHAY, CRCW04021M00FKED
4	2	R4,R5	RES, 0402, 100K OHMS, 1%, 1/16W	VISHAY, CRCW0402100KFKED
5	1	R12	RES, 0402, 1.0 OHM, 5%, 1/16W	VISHAY, CRCW04021R00JNED
6	2	R13, R14	RES, 0402, 0.0 OHM, 1/16W	VISHAY, CRCW04020000Z0ED
7	0	R15 - OPT	RES, 0402, 1.0 OHM, 5%, 1/16W	VISHAY, CRCW04021R00JNED
8	1	D1	LED, GREEN	PANASONIC, LN1351C-(TR)
9	1	R7	RES, 0402, 510 OHMS, 5%, 1/16W	VISHAY, CRCW0402510RJNED
HARDWARE FOR DEMO BOARD ONLY:				
1	6	JP1,JP2,JP3,JP4, JP5,JP6	HEADER,3 PINS, 2mm	SAMTEC, TMM-103-02-L-S
2	6	JP1,JP2,JP3,JP4, JP5,JP6	SHUNT, 2mm	SAMTEC, 2SN-BK-G
3	1	J1	CONN, USB MINI-B	TYCO, 1734035-2
4	1	J2	CONN, DF3-3P-2DSA	HIROSE, DF3-3P-2DSA
5	8	E1,E5,E13,E14,E15, E16,E17,E18	TURRET, 0.09 DIA	MILLMAX, 2501-2
6	7	E6,E7,E8,E9,E10, E11,E12	TURRET, 0.061 DIA	MILLMAX, 2308-2
7	4		STAND-OFF, NYLON 0.25" tall (SNAP ON)	KEYSTONE, 8831 (SNAP ON)