

Item	Qty	Reference - Des	Part Description	Manufacturer, Part #
REQUIRED CIRCUIT COMPONENTS:				
1	1	C2	CAP, CHIP, X5R, 10uF, 10V, 0805	MUR, GRM21BR61A106KE19
2	1	C3	CAP, CHIP, X5R, 22uF, 6.3V, 0805	MUR, GRM21BR60J226ME39
3	1	C6	CAP, CHIP, X7R, 0.1uF, 16V, 0402	MUR, GRM155R71C104KA88
4	1	L1	IND, 3.3uH, 0.08 OHMS, 2.2A	COILCRAFT, LPS4018-332MLC
5	1	R5	RES, 0402 2.94K OHMS 1% 1/10W	VISHAY, CRCW04022K94FKED
6	2	R6, R7	RES, 0402 2K OHM 1% 1/10W	VISHAY, CRCW04022K00FKED
7	1	R14	RES, 0402 8.25 OHMS 1% 1/16W	VISHAY CRCW04028R25FNED
8	1	U1	BAT CHARGER/USB POWER MANAGER	LINEAR TECHNOLOGY LTC4088EDE-1
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
1	0	C1 (OPT)	CAP, CHIP, X5R, 1.0uF, 6.3V, 0402	TDK, C1005X5R0J105M
2	1	C4	CAP, CHIP, X5R, 22uF, 6.3V, 0805	MUR, GRM21BR60J226ME39
3	1	C5	CAP, CHIP OS-CON, 100uF, 6.3V,B6	SANYO, 6SVPC100MY
4	1	C7	CAP, CHIP, X5R, 10uF, 10V, 0805	MUR, GRM21BR61A106KE19
5	1	D1	LED, GREEN	PANASONIC, LN1351C-(TR)
6	1	Q1	XSTR, MOSFET P- CHANNEL	SILICONIX, Si2333DS
7	2	R1, R2	RES, 0402, 100K OHMS, 1%, 1/10W	VISHAY, CRCW0402100KFKED
8	5	R3, R4, R8, R9, R12	RES, 0402 0 OHMS 1% 1/10W	VISHAY CRCW04020000Z0ED
9	1	R10	RES, 0402 510 OHMS 1% 1/10W	VISHAY CRCW0402510RFKED
10	0	R11 (OPT)	RES, 0402 0 OHMS 1% 1/10W	VISHAY CRCW04020000Z0ED
11	1	R13	RES, 0402 1 OHMS 1% 1/16W	VISHAY CRCW04021R00FKED
HARDWARE FOR DEMO BOARD ONLY:				
1	1	J1	CONN, USB MINI-B	TYCO 1734035-2
2	0	J2 (OPT)	CONN, DF3-3P-2DSA	HIROSE, DF3-3P-2DSA
3	6	E1,E2,E8,E9,E10,E11	TURRET, 0.09 DIA	MILLMAX 2501-2
4	10	E3,E4,E5,E6,E7,E12,E13,E14,E15,E16	TURRET, 0.061 DIA	MILLMAX 2308-2
5	4	JP1,JP2,JP3,JP4	HEADER,3 PINS 2mm	SAMTEC, TMM-103-02-L-S
6	4	JP1,JP2,JP3,JP4	SHUNT 2mm	SAMTEC, 2SN-BK-G
7	4		STAND-OFF, NYLON 0.25" tall (SNAP ON)	KEYSTONE, 8831 (SNAP ON)