

Item	Qty	Reference - Des	Part Description	Manufacturer, Part #
REQUIRED CIRCUIT COMPONENTS:				
1	1	C1	CAP, CHIP, X5R, 10uF, 10V, 0805	MUR, GRM21BR61A106KE19
2	1	C2	CAP, CHIP, X7R, 0.1uF, 16V, 0402	MUR, GRM155R71C104KA88
3	3	C3, C7, C8	CAP, CHIP, X5R, 1.0uF, 6.3V, 0402	TDK, C1005X5R0J105M
4	2	C4, C10	CAP, CHIP, X5R, 22uF, 6.3V, 0805	MUR, GRM21BR60J226ME39
5	1	C6	CAP, CHIP, X5R, 2.2UF, 6.3V, 0603	TDK, C1608X5R0J225M
6	3	C9, C11, C13	CAP, CHIP, COG, 10pF, 50V, 0402	MUR, GRM1557U1H100JZ01D
7	2	C12, C14	CAP, CHIP, X5R, 10uF, 6.3V, 0603	TDK, C1608X5R0J106M
8	1	R1	RES, 0402 3.01K OHMS 1% 1/16W	VISHAY, CRCW04023K01FKED
9	1	R2	RES, 0402 8.25 OHMS 1% 1/16W	VISHAY, CRCW04028R25FNED
10	1	R3	RES, 0402 2.00K OHM 1% 1/16W	VISHAY, CRCW04022K00FKED
11	1	R13	RES, 0402 715K OHM 1% 1/16W	VISHAY, CRCW0402715KFKED
12	1	R14	RES, 0402 806K OHM 1% 1/16W	VISHAY, CRCW0402806KFKED
13	2	R16, R19	RES, 0402 1.02M OHMS 1% 1/16W	VISHAY, CRCW04021M02FKED
14	1	R17	RES, 0402 365K OHM 1% 1/16W	VISHAY, CRCW0402365KFKED
15	1	R20	RES, 0402 324K OHM 1% 1/16W	VISHAY, CRCW0402324KFKED
16	1	L1	INDUCTOR, 3.3uH, 0.08Ohms, 2.2A	COILCRAFT, LPS4018-332MLC
17	1	L2	INDUCTOR, 2.0uH, 0.067Ohms, 1.9A	TOKO, 1098AS-2R0M
18	2	L3,L4	INDUCTOR, 4.7uH, 0.130Ohms, 1.3A	TOKO, 1098AS-4R7M
19	1	U1	USB PWR MGR + TRIPLE STEP-DOWN DC/DC	LINEAR TECH, LTC3555EUFD
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
1	1	C5	CAP, CHIP, X5R, 22uF, 6.3V, 0805	MUR, GRM21BR60J226ME39
2	1	C15	CAP, CHIP OS-CON, 100uF, 6.3V,B6	SANYO, 6SVPC100MY
3	2	C16, C17	CAP, CHIP, X7R, 0.1uF, 16V, 0402	MUR, GRM155R71C104KA88
4	1	C18	CAP, CHIP, X5R, 10uF, 10V, 0805	MUR, GRM21BR61A106KE19
5	3	R4,R5,R8	RES, 0402, 100K OHMS, 1%, 1/16W	VISHAY, CRCW0402100KFKED
6	5	R6,R7,R11,R21,R27	RES, 0402 0 OHMS 1/16W	VISHAY, CRCW04020000Z0ED
7	0	R9 - OPT	RES, 0402 0 OHMS 1/16W	VISHAY, CRCW04020000Z0ED
8	1	R10	RES, 0402 510 OHMS 1% 1/16W	VISHAY, CRCW0402510RFNED
9	3	R12,R15,R18	RES, 0402 20.0 OHM 1% 1/16W	VISHAY, CRCW040220R0FNED
10	1	R22	RES, 0402 4.99K OHMS 1% 1/16W	VISHAY, CRCW04024K99FKED
11	3	R23,R24,R25	RES, 0402 5.10K OHMS 1% 1/16W	VISHAY, CRCW04025K10FKED
12	1	R26	RES, 0402 1 OHMS 5% 1/16W	VISHAY, CRCW04021R00JNED
13	1	D1	LED, GREEN	PANASONIC, LN1351C-(TR)
14	1	Q1	XSTR, MOSFET P- CHANNEL	SILICONIX, Si2333DS
15	1	U2	SERIAL EEPROM	MICROCHIP, 24LC025-I/ST
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	1	J3	HEADER, 2X7PIN, 0.079CC	MOLEX, 87831-1420
4	11	E1,E2,E15,E16,E18,E19,E20,E21, E22,E23, E26	TURRET, 0.09 DIA	MILLMAX, 2501-2
5	15	E3,E4,E5,E6,E7,E8,E9,E10,E11,E 12,E13,E14,E17,E24,E25	TURRET, 0.061 DIA	MILLMAX, 2308-2
6	6	JP1,JP2,JP3,JP4,JP5,JP6	HEADER,3 PINS 2mm	SAMTEC, TMM-103-02-L-S
7	6	JP1,JP2,JP3,JP4,JP5,JP6	SHUNT, 2mm	SAMTEC, 2SN-BK-G
8	4		STAND-OFF, NYLON 0.25" tall (SNAP ON)	KEYSTONE, 8831 (SNAP ON)