

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
REQUIRED CIRCUIT COMPONENTS:				
1	2	C1,C3	CAP, 0603 4.7uF 20% 6.3V X5R	TDK C1608X5R0J475MT
2	1	C2	CAP, 0402 0.1uF 10% 10V X5R	AVX 0402ZD104KAT
3	1	R1	RES, 0402 1 OHM 5% 1/16W	AAC CR05-1R0JM
4	2	R6,R2	RES, 0402 2.10K OHMS 1% 1/16W	VISHAY CRCW04022101F
5	2	R3, R9	RES, 0402 10K OHM 1% 1/16W	VISHAY CRCW04021002FRT7
6	1	R5	RES, 0402 71.5K OHM 1% 1/10W	AAC CR05-7152FM
7	1	R10	RES, 0402 26.7K OHM 1% 1/16W	VISHAY CRCW04022672F
8	1	U1	IC, LTC4066EUF	LINEAR TECH LTC4066EUF
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
1	2	C4,C5	CAP, 0603 4.7uF 20% 6.3V X5R	TDK C1608X5R0J475MT
2	1	D2	LED, RED	PANASONIC LN1251C-(TR)
3	1	D3	LED, GREEN	PANASONIC LN1351C-(TR)
4	1	D4	LED, AMBER	PANASONIC LN1451C-(TR)
5	3	D5,D6,D7	DIODE, SCHOTTKY 200mW	DIODES INC. BAT54WS
6	1	J2	CONN, USB MINI-A	TYCO ELECTRONICS 440247-2
7	1	Q1 *	XSTR, MOSFET P- CHANNEL	SILICONIX Si2333DS
8	1	Q2	XSTR, N-CHANNEL DMOS FET	ZETEX 2N7002TA
9	2	R14,R15	RES, 0402 1 OHM 5% 1/16W	AAC CR05-1R0JM
10	6	R11,R12,R13,R16,R17,R19 *	RES, 0402 10K OHM 1% 1/16W	VISHAY CRCW04021002FRT7
11	3	R4,R7,R8	RES, 0402 680 OHMS 5% 1/16W	AAC CR05-681JM
12	1	R18	RES, 0402 100K OHM 1% 1/16W	VSHAY CRCW04021003FRT7
HARDWARE				
1	5	JP1,JP2,JP3,JP4,JP5	HEADER,3 PINS 2mm	SAMTEC TMM-103-03-G-S
2	8	TP1-TP3,TP7,TP8,TP12-TP14	TURRET	MILL-MAX 2501-2
3	10	TP4-TP6,TP9-TP11,TP16-TP19	TURRET	TP\MMX\2308-2
4	5	JP1,JP2,JP3,JP4,JP5	SHUNT, 2mm	SAMTEC 2SN-BK-G
* Q1 & R19 can be replaced by a diode (e.g., DFLS140 by Diodes Inc.)				