

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
<b>REQUIRED CIRCUIT COMPONENTS:</b>				
1	2	C16,C10	CAP, 1210 10uF 20% 25V X5R	TDK C3225X5R1E106M
2	1	C12	CAP, 0402 22pF 10% 50V NPO	AVX 04025A220KAT
3	1	C13	CAP, 0402 2200pF 10% 50V X7R	AVX 04025C222KAT
4	1	C14	CAP, 0402 100pF 10% 50V NPO	AVX 04025A101KAT
5	1	C15	CAP, 0402 1nF 10% 50V X7R	AVX 04025C102KAT
6	3	C17,C18,C19	CAP, 1210 100uF 20% 6.3V X5R	TDK C3225X5R0J107M
7	2	C21,C20	CAP, 0603 1uF 20% 16V X7R	TDK C1608X7R1C105M
8	1	C22	CAP, 0805 1uF 10% 25V X5R	TDK C2012X7R1E105M
9	1	C23	CAP, 0402 0.01uF 10% 16V X7R	AVX 0402YC103KAT
10	1	D1	DIODE, SCHOTTKY BARRIER RECTIFIER	DIODES INC. B320A-13-F
11	1	L1	IND, 0.9uH	PULSE PG0006.102T
12	1	L2	IND, 22uH	COILCRAFT ME3220-223KLC
13	1	Q1	XSTR, MOSFET, N-CHANNEL	PHILIPS PH8230E
14	1	Q2	XSTR, MOSFET, N-CHANNEL	PHILIPS PH3830L
15	1	R1	RES, 2010 0.007 OHM 1% 1W	VISHAY WSL20107L000FEB
16	1	R16	RES, 0402 100.0K OHM 1% 1/16W	AAC CR05-1003FM
17	1	R17	RES, 0402 80.6K OHM 1% 1/16W	AAC CR05-8062FM
18	3	R18,R25,R33	RES, 0402 100K OHM 5% 1/16W	VISHAY CRCW0402104JRT6
19	1	R19	RES, 0402 10 OHM 5% 1/16W	AAC CR05-100JM
20	1	R20	RES, 0402 12K OHMS 5% 1/16W	AAC CR05-123JM
21	1	R22	RES, 0402 15K OHM 5% 1/16W	AAC CR05-153JM
22	1	U1	IC, LT3740EDHC	LINEAR TECH LT3740EDHC
<b>ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:</b>				
	1	C1	CAP, 150uF 20% 35V ALUM ELEC	SANYO 35CE150AX
	0	C11	CAP, 0402 OPTION	OPTION
	1	C24	CAP, 0805 10uF 20% 6.3V X5R	TAIYO YUDEN JMK212BJ106MG-T
	0	C25	CAP, 0805 1uF 10% 25V X5R OPTION	TDK C2012X7R1E105M OPTION
	0	D2	DIODE, SCHOTTKY OPTION	OPTION
	0	D3	DIODE, ZENER 200mW SOD323 OPTION	DIODES INC. MMSZ5230BS OPTION
	0	Q3	XSTR, N-CHANNEL DMOS FET OPTION	ZETEX 2N7002TA OPTION
	0	R2,R4,R13,R31	RES, 0402 0 OHM JUMPER OPTION	AAC CJ05-000M OPTION
	7	R14,R15,R26-R28,R30,R32	RES, 0402 0 OHM JUMPER	AAC CJ05-000M
	0	R29	RES, 0402 100K OHM 5% 1/16W OPTION	VISHAY CRCW0402104JRT6 OPTION

		<b>HARDWARE</b>		
	3	JP1,JP2,JP3	HEADER,3PIN, 2mm	SAMTEC TMM-103-02-L-S
	4	J1,J2,J3,J4	JACK, BANANA	KEYSTONE 575-4
	4		STANDOFF, SNAP ON	KEYSTONE_8831
	6	TP1,TP2,TP3,TP4,TP5,TP6	TURRET, .090	MILL-MAX 2501-2
	3	JP1,JP2,JP3	SHUNT	SAMTEC 2SN-BK-G