

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
<b>REQUIRED CIRCUIT COMPONENTS:</b>				
1	1	CC1	CAP, 0603 27pF 10% 100V NPO	AVX 06031A270KAT
2	1	CC2	CAP, 0603 220pF 5% 50V NPO	AVX 06035A221JAT
3	1	CC3	CAP, 0603 0.01uF 10% 10V X7R	AVX 0603ZC103KAT
4	2	CIN2,CIN1	CAP, 220uF 20% 63V ALUM	SANYO 63ME220AX+T
5	4	CIN3,CIN4,CIN5,CIN6	CAP, 1812 1uF 20% 100V X7R	TDK C4532X7R2A105M
6	1	CON	CAP, 0603 100pF 20% 100V NPO	AVX 06031A101MAT
7	2	COUT2,COUT1	CAP, 270uF 20% 16V	SANYO 16SP270M
8	2	COUT4,COUT3	CAP, 1210 10uF 10% 16V X7R	TAIYO YUDEN EMK325BJ106KN
9	1	CSS	CAP, 0603 1000pF 10% 50V X7R	AVX 06035C102KAT2A
10	2	C1,C2	CAP, 0603 1uF 10% 16V X5R	AVX 0603YD105KAT2A
11	3	C5,C6,C7	CAP, 0603 0.1uF 20% 16V X7R	TAIYO YUDEN EMK107BJ104MA-T
12	1	D1	DIODE, SCHOTTKY RECTIFIER 1.0A	DIODES INC. B1100-13-F
13	1	D2	DIODE, SWITCHING 200mW	DIODES INC. BAS19W-7-F
14	1	L1	IND, 5.6uH	VISHAY IHLP5050FDER5R6M01
15	3	Q1,Q2,Q5	XSTR, MOSFET N-CHANNEL 60V	VISHAY SILICONIX Si7850DP-T1-E3
16	1	Q3	XSTR, MOSFET M-CHANNEL	ZETEX ZXMN10A07FTA
17	1	RC	RES, 0603 100K OHMS 1% 1/10W	VISHAY CRCW0603100KFKEA
18	2	RC2,R2	RES, 0603 10K OHMS 5% 1/10W	VISHAY CRCW060310K0JNEA
19	1	RFB1	RES, 0603 14K OHMS 1% 1/16W	VISHAY CRCW060314K0FKEA
20	1	RFB2	RES, 0603 1K OHMS 1% 1/10W	VISHAY CRCW06031K00FKEA
21	1	RON	RES, 0805 274K OHMS 1% 1/10W	VISHAY CRCW0603274KFKEA
22	1	R1	RES, 0603 39.2K OHMS 1% 1/10W	VISHAY CRCW060339K2FKEA
23	8	R5,R8,R9,R12,R13,R15,R20,R24	RES, 0603 0 OHM JUMPER	VISHAY CRCW0603000ZRT6
24	1	R14	RES, 0805 100K OHMS 5% 1/16W	VISHAY CRCW0805100KJNEA
25	1	U1	IC, LTC3810EUH-5	LINEAR TECH LTC3810EUH-5#PbF

<b>ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:</b>				
1	1	RUV1	RES, 0805 1M OHMS 1% 1/10W	VISHAY CRCW06031M0FKEA
2	1	RUV2	RES, 0603 66.5K OHMS 1% 1/10W	VISHAY CRCW060366K5FKEA
3	1	R6	RES, 0603 100K OHMS 5% 1/16W	VISHAY CRCW0603100KJNEA
4	2	R23,R22	RES, 2010 0.015 OHMS 1% 1W	TT ELECTRONICS LRC-LRF 2010-01-R015-F
5	0	C3	CAP, 0603 0.1uF 20% 10V X7R OPTION	TAIYO YUDEN EMK107BJ104M OPTION
6	0	C8,C9,C12	CAP, 7343 150uF 20% 6.3V POSCAP OPTION	SANYO POSCAP 6TPC150M OPTION
7	0	C10,C11	CAP, 1812 1uF 20% 100V X7R OPTION	TDK C4532X7R2A105M OPTION
8	0	Q4	XSTR, MOSFET, N-CHANNEL 60V OPTION	VISHAY SILICONIX Si7850DP OPTION
9	0	Q6	XSTR, MOSFET M-CHANNEL OPTION	ZETEX ZXMN10A11G OPTION
10	0	Q7	XSTR, MOSFET M-CHANNEL OPTION	ZETEX ZXMN10A09K OPTION
11	0	Q8	XSTR, MOSFET, N-CHANNEL 100V OPTION	VISHAY SILICONIX Si3430DV OPTION
12	0	R3,R4,C4,R10,R11,C13,R16, R17,R18,R19,R21,RF,CF	DO NOT STUFF	OPTION
<b>HARDWARE</b>				
1	12	TP1-TP12	TURRET	MILL MAX 2501-2-00-80-00-00-07-0
2	1	JP1	HEADER, 4PIN	SAMTEC TMM-104-02--L-S
3	1	JP2	HEADER,3PIN, 2mm	SAMTEC TMM-103-02-L-S
4	2	XJP1,XJP2	SHUNT	SAMTEC 2SN-BK-G
5	4		STANDOFF, SNAP ON	KEystone_8831