

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
REQUIRED CIRCUIT COMPONENTS:				
1	4	CB1,C1,CB2,C12	CAP, 0603 0.1uF 10% 10V X7R	AVX, 0603ZC104KAT2A
2	2	CIN2,CIN1	CAP, 1206 10uF 20% 16V X5R	TDK C3216X7R1C106M
3	1	CIN3	CAP, 180uF 20% 16V TANT	SANYO OSCON 16SVP180MX
4	4	COU1,COU2,COU3,COU4	CAP, 330uF 20% 2.5V POSCAP	SANYO 2R5TPE330M9
5	1	C2	CAP, 0603 150pF 5% 50V NPO	AVX 06035A151JAT2A
6	1	C3	CAP, 0603 1500pF 10% 50V X7R	AVX 06035C152KAT
7	3	C4,C10,C19	CAP, 0603 1uF 10% 10V X5R	AVX, 0603ZD105KAT2A
8	3	C5,C14,C16	CAP, 1000pF 5% 50V COG	AVX 06035A102JAT2A
10	1	C7	CAP, 0603 0.01uF 10% 10V X7R	AVX 0603ZC103KAT
12	2	C13,C9	CAP, 1206 10uF 10% 25V X5R	TAIYO YUDEN TMK316BJ106KL-T
13	1	C11	CAP, 0805 4.7uF 20% 10V X5R	TAIYO YUDEN LMK212BJ475MG-T
14	1	C15	CAP, 0603 100pF 10% 50V NPO	AVX 06035A101KAT
15	1	C17	CAP, 0603 330pF 10% 50V NPO	AVX 06035A331KAT
16	2	C21,C22	CAP, 1210 47uF 20% 6.3V X5R	TDK C3225X5R0J476MT
18	2	D1,D3	DIODE, SCHOTTKY	CENTRAL SEMI CMDSH-3-LTC
26	2	L1,L2	IND, 0.4uH	VITECH 59P9875N - 0.4uH
27	2	Q2,Q1	XSTR, HAT2168H	RENESAS HAT2168H
28	2	Q4,Q3	XSTR, HAT2160H	RENESAS HAT2160H
30	1	RIN	RES, 0603 2 OHMS 5% 1/10W	AAC CR16-2R0JM
31	2	RSNSE2,RSNSE1	RES, 2010 0.002 OHMS 5% 1/2W	IRC LRFLRF2010-01-R002J
32	4	R1,R7,R11,R12	RES, 0603 10 OHMS 5% 1/10W	AAC CR16-100JM
33	2	R2,R3	RES, 0603 10K OHMS 5% 1/10W	AAC CR16-103JM
34	1	R4	RES, 0603 22.6K OHMS 1% 1/10W	AAC CR16-2262FM
35	3	R5,R8,R13	RES, 0603 20K OHMS 1% 1/10W	AAC-CR16-2002FM
36	1	R6	RES, 0603 30.1K OHMS 1% 1/10W	AAC-CR16-3012FM
37	2	R14,R9	RES, 0603 17.4K OHMS 1% 1/10W	AAC CR16-1742FM
38	1	R10	RES, 0603 8.2K OHMS 5% 1/10W	AAC CR16-822JM
39	2	R16,R20	RES, 0603 0 OHM JUMPER	AAC CJ06-000M
41	1	R19	RES, 0603 3.74K OHMS 1% 1/10W	AAC CR16-3741FM
42	1	R21	RES, 0603 100K OHMS 5% 1/10W	AAC CR16-104JM
46	1	U1	IC, LTC3828EUH	LINEAR TECH. LTC3828EUH

ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
9	0	C20,C6	CAP, 0603 OPTION	OPTION
11	1	C8	CAP, 0603 0.1uF 10% 16V X7R	AVX, 0603YC104KAT
17	0	C23,C24	DO NOT STUFF	TDK C3216X7R1C106M
19	0	D4,D2	DO NOT STUFF	DIODES INC. B230A OPTION
20	1	D6	DIODE, ZENER 350mW	DIODES INC. BZX84C3V3
21	0	D7	DO NOT STUFF	DIODES INC. BAT54
29	0	Q6,Q7,Q8,Q9,R25,R27	DO NOT STUFF	OPTION
39	1	R15	RES, 0603 0 OHM JUMPER	AAC CJ06-000M
40	0	R17	RES, 0603 OPTION	OPTION
33	1	R18	RES, 0603 10K OHMS 5% 1/10W	AAC CR16-103JM
33	1	R22	RES, 0603 10K OHMS 5% 1/10W	AAC CR16-103JM
43	0	R23	DO NOT STUFF	AAC CR16-4422FM
44	0	R24	DO NOT STUFF	AAC CR16-103JM
45	0	R26	DO NOT STUFF	VISHAY CRCW0603 0 OHM
47	0	U2	DO NOT STUFF	LINEAR TECH. LT1761ES5-SD
HARDWARE				
22	11	E1,E2,E3,E5,E7,E12-E17	TURRET	MILL MAX 2308-2-00-44
23	6	E4,E6,E8,E9,E10,E11	JACK, BANANA	KEYSTONE 575-4
24	4	JP1,JP2,JP3,JP4	HEADER,3PIN, 2mm	SAMTEC TMM-103-02-L-S
25	0	JP5	DO NOT STUFF	NONE
48	4	JP1,JP2,JP3,JP4	SHUNT	SAMTEC 2SN-BK-G