

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
<b>REQUIRED CIRCUIT COMPONENTS:</b>				
1	32	COUT1B,COUT1A,CIN1B-CIN4B, CIN1A-CIN4A,,COUT2B, COUT2A,COUT4B,COUT4A, COUT5B,COUT5A,COUT7B, COUT7A,CIN7B-CIN9B, CIN7A-CIN9A,COUT8B,COUT8A, COUT10B,COUT10A,CIN10B, CIN10A,COUT11B,COUT11A	CAP, 1812 22uF 20% 25V X7R	TDK C4532X7R1E226M
2	8	COUT3,CIN5,COUT6,CIN6, COUT9,CIN11,COUT12,CIN12	CAP, 330uF 20% 35V ELECT	NIPPON CHEMI-CON EMZA350ADA331MJA0G
3	8	C1,C10,C16,C17,C26,C31, C32,C33	CAP, 0603 0.01uF 5% 25V X7R	AVX 06033C103JAT2A
4	8	C2,C7,C8,C11,C19,C23,C24, C27	CAP, 0603 0.1uF 10% 25V X7R	TDK C1608X7R1E104K
5	2	C4,C21	CAP, 0603 1uF 10% 16V X7R	TAIYO YUDEN EMK107BJ105KA-T
6	5	C5,C13,C15,C22,C29	CAP, 0603 10pf 5% 25V NPO	AVX 06033A100JAT2A
7	2	C9,C25	CAP, 0805 4.7uF 20% 25V X5R	TAIYO YUDEN TMK212BJ475MG-T
8	2	C14,C30	CAP, 0603 1000pF 5% 25V NPO	AVX 06033A102JAT2A
9	4	D1,D2,D3,D4	DIODE, SCHOTTKY 30V SOD123	INFINEON BAS140W
10	4	L1,L2,L3,L4	IND, 1.0uH	COILCRAFT SER2010-102ML
11	12	Q1A,Q2B,Q2A,Q3A,Q4B,Q4A Q5A,Q6B,Q6A,Q7A,Q8B,Q8A	XSTR, MOSFET N-CHANNEL	INFINEON BSC014N04LSI
12	1	R1	RES, 0603 100k OHMS 5% 1/10W	VISHAY CRCW0603100KJNEA
13	8	RSNS1-RSNS8	RES, 2512 0.003 OHMS 1% 1W	PANASONIC ERJM1WSF3M0U
14	8	R5,R6,R17,R20,R31,R32,R39,R41	RES, 0603 10 OHMS 5% 1/10W	VISHAY CRCW060310R0JNEA
15	2	R11,R35	RES, 0603 2.2 OHMS 5% 1/10W	VISHAY CRCW06032R20JNEA
16	2	R15,R19	RES, 0603 10k OHMS 5% 1/10W	VISHAY CRCW060310K0JNEA
17	1	R22	RES, 0603 38.3k OHMS 1% 1/10W	VISHAY CRCW060338K3FKEA
18	1	R24	RES, 0603 232k OHMS 1% 1/10W	VISHAY CRCW0603232KFKEA
19	2	R25,R28	RES, 0603 12.1k OHMS 1% 1/10W	VISHAY CRCW060312K1FKEA
20	2	R26,R45	RES, 0603 22.1k OHMS 1% 1/10W	VISHAY CRCW060322K1FKEA
21	1	R36	RES, 0603 100 OHMS 5% 1/10W	VISHAY CRCW0603100RJNEA
22	2	U1,U2	IC,	LINEAR TECH. LTC3787EUFD

<b>ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:</b>				
1	0	C3,C6,C12,C18,C20,C28	CAP, 0603 OPTION	OPTION
2	0	Q1B,Q3B,Q5B,Q7B	XSTR, MOSFET N-CHANNEL OPTION	OPTION
3	0	RSNS1-RSNS8 - ALTERNATE	RES, 2512 0.003 OHMS 1% 1W	VISHAY WSL25123L000FEA
4	0	R2,R3,R7,R10,R13,R16,R34,R46-R49	RES, 0603 OPTION	OPTION
5	18	R4,R8,R9,R12,R14,R18, R21,R23,R27,R29,R30,R33, R37,R38,R40,R42-R44	RES, 0603 0 OHM JUMPER	VISHAY CRCW06030000Z0EA
<b>HARDWARE</b>				
1	11	E1,E2,E5,E7-E13,E17	TURRET	MILL MAX 2501-2-00-80-00-00-07-0
2	8	E3,E4,E6,E14-E16,E18,E19	STUD, TESTPIN	PEM KFH-032-10
3	1	JP1	HEADER, 4 PIN 2mm	SULLINS NRPN041PAEN-RC
4	1	JP2	HEADER, 3 PIN 2mm	SULLINS NRPN031PAEN-RC
5	8		LUG RING, #10	KEYSTONE 8205
6	16		NUT, BRASS 10-32	ANY #10-32
7	8		WASHER, #10 TIN PLATED BRASS	ANY #10 EXT BZ TN
8	2	JP1,JP2	SHUNT	SAMTEC 2SN-BK-G
9	4	MH1,MH2,MH3,MH4	STANDOFF, SNAP ON	KEYSTONE 8834