

	A	B	C	D	E
1	Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
2					
3	REQUIRED CIRCUIT COMPONENTS:				
4	1	1	CIN1	CAP, 150uF 25% 25V ALUM	SUN ELEC. IND. CORP. 35HVVH150M
5	2	8	CIN2,CIN3,CIN4,CIN5,CIN6,	CAP, 1210 22uF 10% 25V X5R	AVX 1210D226KAT2A
6			CIN7,CIN8,CIN9		
7	3	11	CO1,CO2,CO3,CO4,CO7,CO8,	CAP, 1210 100uF 20% 6.3V X5R	MURATA GRM32ER60J107ME20L
8			CO9,CO10,CO11,C31,C32		
9	4	4	CO5,CO6,CO12,CO13	CAP, 7343 470uF 20% 4V POSCAP	PANASONIC 4TPE470MCL
10	5	2	C1,C14	CAP, 1206 22uF 10% 10V X7R	MURATA GRM31CR71A226KE15L
11	6	2	C2,C15	CAP, 0805 4.7uF 20% 25V X5R	MURATA GRM21BR61E475MA12L
12	7	2	C6,C17	CAP, 0603 2200pF 10% 50V X7R	AVX 06035C222KAT2A
13	8	1	C8	CAP, 0603 100pF 10% 50V X7R	AVX 06035C101KAT2A
14	9	2	C9,C10	CAP, 0603 0.47uF 10% 10V X7R	MURATA GRM188R71A474KA61D
15	10	2	C29,C30	CAP, 0805 10uF 10% 6.3V X5R	MURATA GRM219R60J106KE19D
16	11	1	C33	CAP, 0603 1uF 10% 16V X7R	AVX, 0603YC105KAT2A
17	12	1	Q3	XSTR, MOSFET N-CHANNEL	VISHAY SILICONIX SUD50N04-8M8P-4GE
18	13	7	R2,R16,R19,R45,R47,R50,R68	RES, 0603 0 OHM	VISHAY CRCW06030000Z0EA
19	14	4	R4,R5,R12,R15	RES, 0603 10K OHMS 5% 0.1W	VISHAY CRCW060310K0JNEA
20	15	1	R7	RES, 2010 0.01OHMS 1% 1W	VISHAY WSL2010R0100FEA18
21	16	2	R8,R9	RES, 0603 51 OHMS 5% 0.1W	VISHAY CRCW060351R0JNEA
22	17	1	R14	RES, 0603 10K OHMS 1% 0.1W	VISHAY CRCW060310K0FKEA
23	18	4	R18,R49	RES 0805 2.2 OHMS 5% 0.125W	VISHAY CRCW08052R20JNEA
24	19	1	R20	RES, 0603 4.99K OHMS 1% 0.1W	VISHAY CRCW06034K99FKEA
25	20	2	R22,R51	RES, 0603 34.8K OHMS 1% 0.1W	VISHAY CRCW060334K8FKEA
26	21	4	R24,R26,R32,R37	RES, 2010 0 OHM	VISHAY CRCW20100000Z0EF
27	22	1	R76	RES, 2010 0 OHM	VISHAY WSL201000000ZEA9
28	23	1	R25	RES, 2512 0 OHM	VISHAY WSL251200000ZEA9
29	24	2	U1,U2	IC, HIGH EFFICIENCY 34A POWER MODULE	LINEAR TECH. LTM4636EY
30					
31					
32	ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
33	1	0	CIN10,CIN11,CIN12,CIN13,	CAP, 1210 OPTION	OPTION
34			CIN14,CIN15,CIN16,CIN17		
35			CO14,CO15,CO16,CO17,CO18,		
36			CO21,CO22,CO23,CO24,CO25		
37	2	0	C20,C25	CAP, 0805 OPTION	OPTION

	A	B	C	D	E
38	3	0	C19,C24	CAP, 1206 OPTION	OPTION
39	4	0	CO19,CO20,CO26,CO27	CAP, 7343 OPTION	OPTION
40	5	0	C4,C5,C7,C16,C18,C21,C23,	CAP, 0603 OPTION	OPTION
41			C22,C26,C27,C28		
42	6	0	R1,R3,R11,R13,R17,R21,R43,R44,	RES, 0603 OPTION	OPTION
43			R48,R52,R53,R54,R56,R57,R59,		
44			R60,R61,R62,R63,R66,R65,R69,		
45			R70,,R71,R72,R73,R74		
46	7	0	R58,R67	RES, 0805 OPTION	OPTION
47					
48					
49	HARDWARE				
50	1	27	E1,E2,E3,E5,E6,E9,E10,E11,E12,	TURRET	MILL MAX 2308-2-00-80-00-00-07-0
51			E13,E14,E15,E17,E18,E19,E24,		
52			E25,E27,E30,E31,E32,E34,E37,		
53			E38,E39,E43,E44		
54	2	2	E7,E8	TURRET	MILL MAX 2501-2-00-80-00-00-07-0
55	3	6	J1,J2,J5,J6,J7,J8	LUG RING, #10	KEYSTONE 8205
56	4	12	J1,J2,J5,J6,J7,J8	NUT, BRASS 10-32	ANY #10-32
57	5	1	JP1	HEADER, 4PIN, 2mm	SAMTEC TMM-104-02-L-S
58	6	1	JP2	HEADER, 3PIN 2mm	SAMTEC TMM-103-02-L-S
59	7	6	J1,J2,J5,J6,J7,J8	WASHER, #10 TIN PLATED BRASS	ANY #10 EXT BZ TN
60	8	6	J1,J2,J5,J6,J7,J8	STUD	PEM KFH-032-10
61	9	2	J3,J4	CON, SMA	MOLEX 73391-0060
62	10	4	MH1,MH2,MH3,MH4	STANDOFF, SNAP ON	KEYSTONE_8831
63	11	2	XJP1,XJP2	SHUNT 2mm	SAMTEC 2SN-BK-G