	A	B	C	D	E
1	***REQUIRED CIRCUIT COMPONENTS:***				
2	ITEM	QTY	Ref - Des	DESCRIPTION	Manufacturer's Part Number
3	1	1	C2	CAP.,100pF,C0G,25V,10%,0603	AVX, 06033A101KAT2A
4	2	1	C3	CAP.,1500pF,X7R,25V,10%,0603	AVX, 06033C152KAT2A
5	3	2	C4, C15	CAP.,0.1uF,X5R,25V,10%,0603,NO SUBS. ALLOWED	AVX, 06033D104KAT2A
6	4	1	C5	CAP.,1000pF,C0G,25V,10%,0603	AVX, 06033A102KAT2A
7	5	1	C8	CAP.,4.7uF,X5R,25V,10%,0805	TDK, C2012X5R1E475K085AC
8	6	1	C23	CAP.,1uF,X5R,50V,10%,0603	AVX, 06035D105KAT2A
9	7	2	C24, C25	CAP.,1uF,X7R,50V,10%,0805	AVX, 08055C105KAT2A
10	8	2	CIN1, COUT5	CAP.,150uF,ALUM. ELECT.,35V,20%,SMD	SUN ELECTRONIC INDUSTRIES CORP, 35HVH150M
11	9	9	CIN2-CIN5, COUT1-COUT4, COUT6	CAP.,10uF,X5R,50V,10%,1210	TDK, C3225X5R1H106K250AB
12	10	1	D1	DIODE,SCHOTTKY,40V,120mA,SOD323-2,AEC-Q101	INFINEON, BAS140W
13	11	1	L1	IND.,3.7uH WE-HCI FLAT WIRE HIGH CURRENT SMD	WURTH ELEKTRONIK, 7443551370
14	12	2	Q1, Q4	XSTR.,MOSFET, N-CH,40V,98A,TDSON-8	INFINEON, BSC032N04LS
15	13	6	R2, R5, R6, R13, R16, R21	RES.,AEC-Q200,0 OHM,1/10W,0603	VISHAY, CRCW06030000Z0EA
16	14	1	R4	RES.,AEC-Q200,16.9k OHMS,1%,1/10W,0603	VISHAY, CRCW060316K9FKEA
17	15	1	R9	RES.,100 OHMS,1%,1/10W,0603	YAGEO, RC0603FR-07100RL
18	16	1	R10	RES.,AEC-Q200,232k OHMS,1%,1/10W,0603	VISHAY, CRCW0603232KFKEA
19	17	1	R12	RES.,AEC-Q200,12.1k OHMS,1%,1/10W,0603	VISHAY, CRCW060312K1FKEA
20	18	1	R14	RES.,AEC-Q200,100k OHMS,1%,1/10W,0603	VISHAY, CRCW0603100KFKEA
21	19	1	R18	RES.,86.6k OHMS,1%,1/10W,0603,AEC-Q200	VISHAY, CRCW060386K6FKEA
22	20	1	R19	RES.,AEC-Q200,1M OHM,1%,1/10W,0603	VISHAY, CRCW06031M00FKEA
23	21	1	R20	RES.,357k OHMS,1%,1/10W,0603,AEC-Q200	PANASONIC, ERJ3EKF3573V
24	22	1	R22	RES.,AEC-Q200,1k OHM,1%,1/10W,0603	VISHAY, CRCW06031K00FKEA
25	23	2	RSNS1, RSNS2	RES.,SENSE, AEC-Q200,0.005 OHM,1%,1/2W,2010	VISHAY, WSL20105L000FEA
26	24	1	U1	IC,Low IQ Sync. Boost Controller,SSOP-16	ANALOG DEVICES, INC., LTC7804EMSE#PBF
27					
28	***ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:***				
29	ITEM	QTY	Ref - Des	DESCRIPTION	Manufacturer's Part Number
30	1	0	C7, C19-C21	CAP., OPTION, 0603	
31	2	0	COUT7	CAP.,OPTION,ALUM. ELECT.,SMD	
32	3	0	D11	DIODE,SCHOTTKY,40V,120mA,SOD323-2,AEC-Q101	
33	4	0	Q2, Q3	XSTR., OPTION, MOSFET N-CH, PG-TDSON-8	
34	5	0	R1, R3, R7, R8, R11, R15, R17	RES., OPTION, 0603	

	A	B	C	D	E
35					
36				***HARDWARE***	
37	ITEM	QTY	Ref - Des	DESCRIPTION	Manufacturer's Part Number
38	1	10	E1-E10	TEST POINT,TURRET,0.094",MTG. HOLE	MILL-MAX, 2501-2-00-80-00-00-07-0
39	2	4	J1-J4	CONN.,BANANA JACK,FEMALE,THT,NON-INSULATED, SWAGE	KEYSTONE, 575-4
40	3	2	JP1, JP4	CONN.,HDR,MALE,2x3,2mm,VERT, STR, THT	WURTH ELEKTRONIK, 62000621121
41	4	2	JP2, JP3	CONN.,HDR,MALE,1x3,2mm,STR, THT,NO SUBS. ALLOWED	Wurth Elektronik, 62000311121
42	5	4	MP1-MP4	STANDOFF,NYLON,SNAP-ON,0.625"	KEYSTONE, 8834
43	6	4	XJP1, XJP4-XJP6	CONN.,SHUNT,FEMALE,2 POS,2mm	Wurth Elektronik, 60800213421