

	A	B	C	D	E
1	Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
2	<b>REQUIRED CIRCUIT COMPONENTS:</b>				
3	1	8	R9,R29,R33,R63,R65,R66,R91,R92	RES.,0 OHM,1/10W,0603,AEC-Q200	NIC, NRC06ZOTRF VISHAY, CRCW06030000Z0EA
4	2	2	R50,R51	RES.,30 OHMS,1%,1W,2512,AEC-Q200	VISHAY, CRCW251230R0FKEG
5	3	1	R78	RES.,15.8k OHMS,1%,1/10W,0603,AEC-Q200	NIC, NRC06F1582TRF PANASONIC, ERJ3EKF1582V VISHAY, CRCW060315K8FKEA
6	4	1	R53	RES.,0.01 OHM,1%,1/2W,2010,SENSE, AEC-Q200	VISHAY, WSL2010R0100FEA
7	5	1	R90	RES.,0.001 OHM,1%,1W,2010,HP METAL, SENSE, AEC-Q200	VISHAY, WSL20101L000FEA18
8	6	1	R30	RES.,2.43k OHMS,1%,1/10W,0603,AEC-Q200	NIC, NRC06F2431TRF PANASONIC, ERJ3EKF2431V VISHAY, CRCW06032K43FKEA
9	7	1	R31	RES.,4.22k OHMS,1%,1/10W,0603,AEC-Q200	NIC, NRC06F4221TRF PANASONIC, ERJ3EKF4221V VISHAY, CRCW06034K22FKEA
10	8	15	R10,R11,R12,R13,R14,R15,R16,R18,R19,R24,R52,R77,R94,R95,R106	RES.,10k OHMS,5%,1/10W,0603,AEC-Q200	NIC, NRC06J103TRF PANASONIC, ERJ3GEYJ103V VISHAY, CRCW060310K0JNEA
11	9	6	R3,R25,R32,R69,R70,R93	RES.,10 OHMS,1%,1/10W,0603	NIC, NRC06F10R0TRF PANASONIC, ERJ3EKF10R0V ROHM, MCR03EZPFX10R0 VISHAY, CRCW060310R0FKEA YAGEO, RC0603FR-0710RL
12	10	1	R48	RES.,0 OHM,3/4W,2010,AEC-Q200	NIC, NRC50ZOTRF PANASONIC, ERJ12ZY0R00U VISHAY, CRCW20100000Z0EF
13	11	2	R72,R73	RES.,4.99k OHMS,1%,1/10W,0603,AEC-Q200	NIC, NRC06F4991TRF PANASONIC, ERJ3EKF4991V VISHAY, CRCW06034K99FKEA
14	12	1	CIN1	CAP.,180uF,ALUM. POLY.,25V,20%,8x12mm SMD, E12	PANASONIC, 25SVPF180M
15	13	16	COUT1,COUT2,COUT3,COUT6,COUT7,COUT8,COUT9,COUT10,COUT14,COUT15,COUT16,COUT18,COUT19,COUT20,COUT21,COUT22	CAP.,330uF,X6S,4V,20%,1210	TAIYO YUDEN, AMK325AC6337MM-P
16	14	2	C2,C15	CAP.,6800pF,X7R,50V,5%,0603	AVX, 06035C682JAT2A

	A	B	C	D	E
17	15	1	C33	CAP.,22uF,X5R,6.3V,20%,0603	MURATA, GRM188R60J226MEA0D
18	16	8	CIN2,CIN3,CIN4,CIN5,CIN6,CIN7,CIN8,CIN9	CAP.,22uF,X5R,25V,10%,1210	AVX, 12103D226KAT2A MURATA, GRM32ER61E226KE15L TAIYO YUDEN, TMK325BJ226KM-P TAIYO YUDEN, TMK325BJ226KM-T
19	17	1	C23	CAP.,1uF,X7R,25V,10%,0805	AVX, 08053C105KAT2A
20					
21	19	2	C27,C28	CAP.,0.01uF,X7R,25V,5%,0603	AVX, 06033C103JAT2A
22	20	3	C21,C22,C24	CAP.,1uF,X5R,25V,10%,0603	AVX, 06033D105KAT2A NIC, NMC0603X5R105K25TRPF
23	21	1	C26	CAP.,0.1uF,X5R,16V,10%,0603	AVX, 0603YD104KAT2A NIC, NMC0603X5R104K16TRPF
24	22	2	Q1,Q2	XSTR.,MOSFET, N-CH,40V,TO-252 (DPAK)	VISHAY, SUD50N04-8M8P-4GE3
25	23	1	Q3	XSTR.,MOSFET, P-CH,20V,5.9A,TO-236 (SOT23-3)	VISHAY, SI2365EDS-T1-GE3
26	24	1	U2	IC, MEMORY,EEPROM,2Kb (256x8),TSSOP-8,400kHz	MICROCHIP, 24LC025-I/ST MICROCHIP, 24LC025T-I/ST
27	25	1	U1	IC,DUAL 50A POP PSM MODULE,BGA 15x22x7.82mm	LINEAR TECH., LTM4700EY#PBF
28					
29	<b>ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:</b>				
30	1	0	R49,R100,R101,R102,R103	RES., OPTION, 2010	
31	2	0	R8,R26,R27,R28,R35,R38,R41,R61,R62,R64,R67,R68,R74,R75,R83,R88,R89,R96,R97,R98,R99	RES., OPTION, 0603	
32	3	0	R82	RES., OPTION, 1206	
33	4	0	R104,R105	RES., OPTION, 0805	
34	5	0	C1,C14,C16,C17,C29,C31,C32	CAP., OPTION, 0603	
35	6	0	COU4,COU5	CAP., OPTION, D-CASE	
36	7	0	D1,D2	DIODE, OPTION, SOD-323	
37					
38	<b>HARDWARE</b>				
39	1	3	J2,J3,J4	CONN.,RF, BNC,RCPT JACK,5-PIN,STR, THT,50 OHMS	AMPHENOL RF, 112404
40	2	1	J1	CONN.,SHROUDED HDR,MALE,2x6,2mm,VERT, STR, THT	FCI, 98414-G06-12ULF
41	3	1	J12	CONN.,HDR,FEMALE,2x7,2mm,R/A THT	SULLINS CONNECTOR SOLUTIONS, NPPN072FJFN-RC

	A	B	C	D	E
42	4	1	J11	CONN.,HDR,MALE,2x7,2mm,R/A THT	MOLEX, 0877601416 MOLEX, 87760-1416
43	5	3	JP1,JP2	CONN.,HDR,MALE,1x3,2mm,VERT, STR, THT	WURTH ELEKTRONIK, 62000311121
44	6	3	XJP1,XJP2	CONN.,SHUNT,FEMALE,2 POS,2mm	WURTH ELEKTRONIK, 60800213421
45	7	26	E1,E2,E3,E4,E5,E6,E8,E9,E10,E11,E12,E13,E14,E15,E16,E17,E18,E19,E20,E21,E22,E23,E24,E25,E26	TEST POINT,TURRET,0.064",MTG. HOLE	MILL-MAX, 2308-2-00-80-00-00-07-0
46	8	12	J5,J6,J7,J8,J9,J10	NUT, HEX, STEEL, ZINC PLATE,10-32	KEYSTONE, 4705
47	9	6	J5,J6,J7,J8,J9,J10	WASHER, FLAT, STEEL,ZINC PLATE,OD: 0.436 [11.1]	KEYSTONE, 4703
48	10	4	MH1,MH2,MH3,MH4	STANDOFF,NYLON,SNAP-ON,0.50"	WURTH ELEKTRONIK, 702935000
49	11	6	J5,J6,J7,J8,J9,J10	STUD, FASTENER, #10-32	PENNGENGINEERING, KFH-032-10ET
50	12	6	J5,J6,J7,J8,J9,J10	RING, LUG, CRIMP,#10,NON-INSULATED,SOLDERLESS TERMINALS	KEYSTONE, 8205