

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
<b>REQUIRED CIRCUIT COMPONENTS:</b>				
1	8	CIN3,CIN4,CIN5,CIN6,CIN7, CIN8,CIN9,CIN10,	CAP, 1210 22uF 10% 25V X5R	AVX 1210D226KAT2A
2	4	CO1,CO7,CO11,CO15	CAP, 1210 100uF 20% 10V X5R	TAIYO YUDEN LMK325BJ107MM-T
3	4	CO4,CO10,CO12,CO19,	CAP, 7343 470uF 20% 4V POSCAP	SANYO 4TPE470MCL
4	1	C1	CAP, 0603 100pF 10% 25V NPO	AVX 06033A101KAT2A
5	2	C4,C10	CAP, 0603 2.2uF 20% 10V X5R	TAIYO YUDEN LMK107BJ225MA
6	1	C7	CAP, 0603 0.1uF 10% 25V X7R	AVX 06033C104KAT2A
7	2	R1,R3	RES, 0603 10 OHMS 5% 0.06W	VISHAY CRCW060310R0JNEA
8	2	R9,R31	RES, 0603 100K OHMS 1% 0.06W	VISHAY CRCW0603100KFKEA
9	1	R14	RES, 0603 121K OHMS 1% 0.06W	VISHAY CRCW0603121KFKEA
10	2	U1,U2	IC, VOLTAGE REGULATOR LGA	LINEAR TECH. LTM4630EV
<b>ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:</b>				
1	1	CIN1	CAP, 150uF 25% 25V ALUM	SUNCON 25CE150AX
2	2	CIN2,CIN11	CAP, 1206 1uF 10% 25V X5R	TAIYO YUDEN TMK316BJ105KD-T
3	0	CIN12,CIN13,CIN14,CIN15, CIN16,CIN17,CIN18,CIN19	DO NOT STUFF	
4	4	CO5,CO18,CO24,CO38	CAP, 1210 100uF 20% 10V X5R	TAIYO YUDEN LMK325BJ107MN-T
5	2	CO6,CO25,	CAP, 7343 470uF 20% 4V POSCAP	SANYO 4TPE470MCL
6	0	CO23,CO29,CO31,CO37	DO NOT STUFF	
7	0	CO2,CO3,CO8,CO9,CO13, CO14,CO16,CO17,CO21,CO22, CO27,CO28,CO32,CO20,CO26, CO30,CO33,CO34,CO35,CO36	CAP, 1210 OPTION	OPTION
8	2	C18,C22	CAP, 0603 2.2uF 20% 10V X5R	TAIYO YUDEN LMK107BJ225MA
9	0	C2,C3,C5,C8,C9,C12, C13,C14,C15,C16,C17,C20, C21,C26,C29,C30	CAP, 0603 OPTION	OPTION
10	6	C6,C11,C19,C23,C27,C28	CAP, 0603 1uF 10% 10V X7R	TAIYO YUDEN LMK107BJ105KA
11	1	C25	CAP, 0603 0.1uF 10% 25V X7R	AVX 06033C104KAT2A
12	1	C24	CAP, 0603 0.01uF 10% 100V X7R	AVX 06031C103KAT2A
13	2	Q1,Q2	XSTR, MOSFET N-CHANNEL	VISHAY SILICONIX SUD50N03-09P
14	2	R25,R29	RES, 0603 10 OHMS 5% 0.06W	VISHAY CRCW060310R0JNEA
15	4	R2,R21,R39,R47	RES, 0603 121K OHMS 1% 0.06W	VISHAY CRCW0603121KFKEA

16	4	R4,R36,R41,R54	RES, 0603 10K OHMS 5% 0.06W	VISHAY CRCW060310K0JNEA
17	0	R5,R7,R8,R10,R13,R30,R34	RES, 0603 OPTION	OPTION
		R37,R38,R42,R44,R48,R49,R50,		
		R52,R53,R55,R61		
18	13	R6,R19,R20,R27,R28,R32,R34,	RES, 0603 0 OHM	VISHAY CRCW06030000Z0EA
		R33,R35,R40,R45,R46,R62,R63		
19	2	R43,R51	RES, 0603 100K OHMS 1% 0.06W	VISHAY CRCW0603100KFKEA
20	1	R15	RES, 0603 90.9K OHMS 1% 0.06W	VISHAY CRCW060390K9FKEA
21	1	R16	RES, 0603 60.4K OHMS 1% 0.06W	VISHAY CRCW060360K4FKEA
22	1	R17	RES, 0603 40.2K OHMS 1% 0.06W	VISHAY CRCW060340K2FKEA
23	1	R18	RES, 0603 30.1K OHMS 1% 0.06W	VISHAY CCRCW060330K1FKEA
24	4	R22,R23,R24,R26	RES, 2010 0 OHM	VISHAY CRCW20100000Z0EF
26	2	R56,R57	RES, 2512 0.010 OHMS 1% 2W	VISHAY WS-2512R01000FEA
27	0	R58,R59	RES, 2512 OPTION	OPTION
28	1	R60	RES, 1206 0 OHM	VISHAY CRCW12060000Z0EA
29	0	U3,U4	DO NOT STUFF	
<b>HARDWARE</b>				
1	11	E1,E2,E3,E4,E6,E7,E8,E9,	TURRET	MILL MAX 2308-2-00-80-00-00-07-0
		E12,E13,E22		
2	2	E19,E20	TURRET	MILL MAX 2501-2-00-80-00-00-07-0
3	2	JP1,JP2	HEADER, 3PIN 2mm	SAMTEC TMM-103-02-L-S
4	5	JP4,JP5,JP6,JP7,JP8	HEADER, 2PIN 2mm	SAMTEC TMM-102-02-L-S
5	4	J1,J2,J3,J4	STUD	PEM KFH-032-10
6	2	J5,J6	JACK, BANANA	KEYSTONE 575-4
7	8		NUT, BRASS 10-32	ANY
8	4		LUG RING #10	KEYSTONE 8205
9	4		WASHER, TIN PLATED BRASS #10	ANY
10	2	J7,J8	CON, BNC	CONNEX 112404
11	3	JP1,JP2,JP4	SHUNT	SAMTEC 2SN-BK-G
12	4		STAND-OFF, NYLON	KEYSTONE 8833