

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
REQUIRED CIRCUIT COMPONENTS:				
1	12	CIN3,CIN4,CIN5,CIN6,CIN7, CIN8,CIN9,CIN10,CIN12, CIN13,CIN14,CIN15,	CAP, 1210 22uF 10% 25V X5R	AVX 1210D226KAT2A
2	6	CO1,CO7,CO11,CO15,CO20, CO26	CAP, 1210 100uF 20% 10V X5R	TAIYO YUDEN LMK325BJ107MM-T
3	6	CO4,CO10,CO12,CO19,CO23, CO29	CAP, 7343 470uF 20% 4V POSCAP	SANYO 4TPE470MCL
4	1	C1	CAP, 0603 100pF 10% 25V NPO	AVX 06033A101KAT2A
5	3	C4,C10,C18	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	3	R9,R31,R43	RES, 0603 100K OHMS 1% 0.06W	VISHAY CRCW0603100KFKEA
9	1	R13,R34	RES, 0603 0 OHM	VISHAY CRCW06030000Z0EA
10	1	R14	RES, 0603 121K OHMS 1% 0.06W	VISHAY CRCW0603121KFKEA
11	4	U1,U2,U3	IC, VOLTAGE REGULATOR LGA	LINEAR TECH. LTM4630EV
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
	1	CIN1	CAP, 150uF 25% 25V ALUM	SUNCON 25CE150AX
	2	CIN2,CIN11	CAP, 1206 1uF 10% 25V X5R	TAIYO YUDEN TMK316BJ105KD-T
	0	CIN16,CIN17,CIN18,CIN19	DO NOT STUFF	
	4	CO5,CO18,CO24,CO38	CAP, 1210 100uF 20% 10V X5R	TAIYO YUDEN LMK325BJ107MM-T
	0	CO2,CO3,CO8,CO9,CO13, CO14,CO16,CO17,CO21,CO22, CO27,CO28,CO30,CO32,CO33, CO34,CO35,CO36	CAP, 1210 OPTION	OPTION
	2	CO6,CO25	CAP, 7343 470uF 20% 4V POSCAP	SANYO 4TPE470MCL
	1	C22	CAP, 0603 2.2uF 20% 10V X5R	TAIYO YUDEN LMK107BJ225MA
	1	C24	CAP, 0603 0.01uF 10% 100V X7R	AVX 06031C103KAT2A
	1	C25	CAP, 0603 0.1uF 10% 25V X7R	AVX 06033C104KAT2A
	0	CO31,CO37	DO NOT STUFF	
	0	C2,C3,C5,C8,C9,C12, C13,C14,C15,C16,C17,C20, C21,C26,C29,C30	CAP, 0603 OPTION	OPTION
	6	C6,C11,C19,C23,C27,C28	CAP, 0603 1uF 10% 10V X7R	TAIYO YUDEN LMK107BJ105KA

	2	Q1,Q2	XSTR, MOSFET N-CHANNEL	VISHAY SILICONIX SUD50N03-09P
	2	R25,R29	RES, 0603 10 OHMS 5% 0.06W	VISHAY CRCW060310R0JNEA
	4	R2,R21,R39,R47	RES, 0603 121K OHMS 1% 0.06W	VISHAY CRCW0603121KFKEA
	4	R4,R36,R41,R54	RES, 0603 10K OHMS 5% 0.06W	VISHAY CRCW060310K0JNEA
	0	R5,R7,R8,R10,R30,R37,R38, R42,R44,R48,R49,R50, R52,R53,R55,R61	RES, 0603 OPTION	OPTION
	15	R6,R19,R20,R27,R28,R32, R33,R35,R40,R45,R46, R62,R63	RES, 0603 0 OHM	VISHAY CRCW06030000Z0EA
	1	R51	RES, 0603 100K OHMS 1% 0.06W	VISHAY CRCW0603100KFKEA
	1	R15	RES, 0603 90.9K OHMS 1% 0.06W	VISHAY CRCW060390K9FKEA
	1	R16	RES, 0603 60.4K OHMS 1% 0.06W	VISHAY CRCW060360K4FKEA
	1	R17	RES, 0603 40.2K OHMS 1% 0.06W	VISHAY CRCW060340K2FKEA
	1	R18	RES, 0603 30.1K OHMS 1% 0.06W	VISHAY CCRCW060330K1FKEA
	4	R22,R23,R24,R26	RES, 2010 0 OHM	VISHAY CRCW20100000Z0EF
	2	R56,R57	RES, 2512 0.010 OHMS 1% 2W	VISHAY WSL2512R0100-FEA
	0	R58,R59	RES, 2512 OPTION	OPTION
	1	R60	RES, 1206 0 OHM	VISHAY CRCW12060000Z0EA
	0	U4	DO NOT STUFF	
HARDWARE				
	11	E1,E2,E3,E4,E6,E7,E8,E9, E12,E13,E22	TURRET	MILL MAX 2308-2-00-80-00-00-07-0
	2	E19,E20	TURRET	MILL MAX 2501-2-00-80-00-00-07-0
	2	JP1,JP2	HEADER, 3PIN 2mm	SAMTEC TMM-103-02-L-S
	5	JP4,JP5,JP6,JP7,JP8	HEADER, 2PIN 2mm	SAMTEC TMM-102-02-L-S
	4	J1,J2,J3,J4	STUD	PEM KFH-032-10
	2	J5,J6	JACK, BANANA	KEYSTONE 575-4
	8		NUT, BRASS 10-32	ANY
	4		LUG RING #10	KEYSTONE 8205
	4		WASHER, TIN PLATED BRASS #10	ANY
	2	J7,J8	CON, BNC	CONNEX 112404
	3	JP1,JP2,JP4	SHUNT	SAMTEC 2SN-BK-G
	4		STAND-OFF, NYLON	KEYSTONE 8833