

Item	Qty	Ref - Des	Part Description	Manufacturer's Part Number
REQUIRED CIRCUIT COMPONENTS:				
1	2	C1,C29	CAP, 56uF 20% 63V ALUM	SUN ELECTRONICS 63HVH56M
2	6	C2,C3,C4,C5,C6,C7	CAP., X7R, 2.2uF 100V 10%, 1812	TDK, C4532X7R2A225K
3	2	C8,C26	CAP., NPO, 2.2pF 50V, +/-0.25pF, 0603	AVX, 06035A2R2CAT
4	1	C9	CAP., X7S, 1uF 100V, 10%, 0805	TDK, C2012X7S2A105K330
5	4	C11,C14,C23,C24	CAP., X5R, 10uF 50V, 1210, 20%	TAIYO YUDEN, UMK325BJ106MM-T
6	3	C12,C16,C21	CAP., X7R, 0.1uF 50V 10%, 0603	TDK, C1608X7R1H104K
7	2	C15,C25	CAP., Sanyo, 150uF, 16V, 20%	Sanyo, 16TSVPC150
8	1	C17	CAP., X7R, 4.7nF 100V 10%, 0603	AVX, 06031C472KAT
9	2	C18,C19	CAP., NPO, 47pF 25V, 10%, 0603	AVX, 06033A470KAT2A
10	2	C20	CAP., X7R, 4.7uF 10V, 10%, 0603	TAIYO YUDEN, LMK107BJ475KA-T
11	1	C22	CAP., NPO, 10pF 25V, 10%, 0603	AVX, 06033A100KAT2A
12	1	C27	CAP., X5R, 1uF, 25V, 10%, 0603	AVX, 06033D105KAT2A
13	2	D1,D2	Diode, SCHOTTKY, DFSL1100,PDI-123	Diodes, INC.,DFLS1100
14	2	L1,L2	IND., 10uH, SMD	COILCRAFT SER2915L-103KL
15	2	Q1,Q4	XSTR., POWER MOSFET, N-CHANNEL	INFINEON, BSC067N06LS3 G
16	2	Q2,Q5	XSTR., POWER MOSFET, N-CHANNEL	INFINEON, BSC028N06LS3 G
17	1	R1	RES., 2.2 1% 1/10W,0603	VISHAY, CRCW06032R20FNEA
18	2	R4, R22	RES., 100 1% 1/10W, 0603	VISHAY, CRCW0603100RFKEA
19	6	R2,R10,R14,R15,R24,R27	RES., 0 Ohm, 1/10W, 0603	VISHAY, CRCW06030000Z0EA
20	1	R6	RES., 1 Meg, 5%, 0805	VISHAY, CRCW08051M00JNED
21	1	R7	RES., 30.1K 1% 1/10W, 0603	VISHAY, CRCW060330K1FKEA
22	2	R8,R19	RES., 0.003 Ohm 1% 1/2W, 2010	VISHAY, WSL20103L000FEA
23	1	R9	RES., 57.6K 1% 1/10W, 0603	VISHAY, CRCW060357K6FKEA
24	2	R12,R18	RES., 0 Ohm, 1/10W, 0805	VISHAY, CRCW08050000Z0EA
25	1	R13	RES., 9.76K 1% 1/10W, 0603	VISHAY, CRCW060315K0FKEA
26	1	R16	RES., 499K 1% 1/10W, 0603	VISHAY, CRCW0603499KFKEA
27	1	R20	RES., 35.7K 1% 1/10W, 0603	VISHAY, CRCW060335K7FKEA
28	2	R21,R29	RES., 100K 1% 1/10W, 0603	VISHAY, CRCW0603100KFKEA
29	1	R28	RES., 1K 1% 1/10W, 0603	VISHAY, CRCW06031K00FKEA
30	1	U1	I.C.,LTC3890EUH-2, QFN-32-UH	LINEAR TECH. LTC3890EUH-2
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
1	0	R3,R5,C10,C13 R25,R26,C28	OPT	0603 package
2	0	Q3,Q6,Q7,Q8	OPT	LFPACK package
HARDWARE				
1	11	E1-E11	TESTPOINT, TURRET, .094"	MILL-MAX, 2501-2-00-80-00-00-07-0
2	2	JP1,JP2	JMP, 3PIN 1 ROW, 0.079"	SAMTEC, TMM-103-02-L-S
3	2	XJP1,XJP2	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G
4	7	J1-J8	Connector, Banana Jack	KEYSTONE, 575-4
5	4	MTGS at 4 corners	STANDOFF, NYLON .5 1/2"	KEYSTONE, 8833(SNAP-ON)