

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
REQUIRED CIRCUIT COMPONENTS:				
1	1	CBst	CAP, 0603 0.22uF 10% 25V X5R	AVX 06033D224KAT2A
2	2	COUT1,COUT2	CAP, 1812 100uF 20% 6.3V X5R	TDK C4532X5R0J107M
3	2	COUT5,COUT6	CAP, 0805 22uF 20% 6.3V X5R	TDK C2012X5R0J226M
4	2	C8,CSS	CAP, 0603 0.1uF 20% 16V X7R	AVX 0603YC104MAT2A
5	1	C2	CAP, 0603 1uF 10% 10V X7R	TAIYO YUDEN LMK107BJ105KA
6	1	C7	CAP, 0805 4.7uF 20% 10V X7R	TDK C2012X7R1A475M
7	1	C9	CAP, 0805 0.47uF 20% 50V X5R	TAIYO YUDEN UMK212BJ474MG-T
8	1	Q1	XSTR, N-CHANNEL, 30V (D-S) MOSFET	SILICONIX SUD50N03-09P-E3
9	1	RPG	RES, 0603 100K OHMS 5% 1/10W	VISHAY CRCW0603100KJNEA
10	1	R1	RES, 0603 10K OHMS 5% 1/10W	VISHAY CRCE060310K0JNEA
11	1	R2	RES, 1206 0.010 OHMS 1% 1/4W	TT ELECTRONICS LRC-LRF1206-01-R010-F
12	1	R16	RES, 0603 40.2K OHMS 1% 1/10W	VISHAY CRCW060340K2FKEA
13	1	R19	RES, 0603 30.1K OHMS 1% 1/10W	VISHAY CRCW060330K1FKEA
14	1	R20	RES, 0603 19.1K OHMS 1% 1/10W	VISHAY CRCW060319K1FKEA
15	1	R21	RES, 0603 13.7K OHMS 1% 1/10W	VISHAY CRCW060313K7FKEA
16	1	R27	RES, 0603 10K OHMS 5% 1/10W	VISHAY CRCW060310K0JNEA
17	1	R28	RES, 0603 60.4K OHMS 1% 1/10W	VISHAY CRCW060360K4FKEA
18	1	R30	RES, 0603 162K OHMS 1% 1/10W	VISHAY CRCW0603162KFKEA
19	1	CIN1	CAP, 150uF 20% 35V ALUM	SANYO 35ME150WXV
20	2	CIN2,CIN3	CAP, 1206 10uF 20% 35V X5R	TAIYO YUDEN GMK316BJ106ML
21	1	Cth	CAP, 0603 1500pF 10% 50V X7R	AVX 06035C152KAT2A
22	1	Cthp	CAP, 0603 100pF 10% 50V NPO	AVX 06035A101KAT
23	1	D1	DIODE, SCHOTTKY SOD323	CENTRAL CMDSH-3
24	1	L1	IND, 1.0uH	VISHAY IHLP2525CZR1R0-M01
25	1	RTH	RES, 0603 4.75K OHMS 1% 1/10W	VISHAY CRCW06034K75FKEA
26	1	R23	RES, 0603 3.3 OHMS 5% 1/10W	VISHAY CRCW06033R30JNEA
27	0	R26	RES, 0603 OPTION	OPTION
28	1	U1	IC, MODULE	LINEAR TECH. LTC3608EWKG
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
1	0	CIN4,CIN5	CAP, 1206 OPTION	OPTION
2	0	CIN6,CIN7	CAP, 1210 OPTION	OPTION
3	0	COUT3,COUT4	CAP, 7343 330uF6.3V 20% POSCAP OPTION	SANYO POSCAP 6TB330ML OPTION
4	0	C6,C10,C11	CAP, 0603 OPTION	OPTION
5	0	C12	CAP, 0805 OPTION	OPTION

6	3	R24,R25,R29	RES, 0603 OPTION	OPTION
7	0	R31	RES, 0805 OPTION	OPTION
HARDWARE				
1	3	JP3,JP7,JP8	SHUNT, 2mm	SAMTEC 2SN-BK-G
2	4		STANDOFF, NYLON 12.7mm	KEYSTONE 8834
3	4	JP2,JP3,JP4,JP5	HEADER, 2PIN, 2mm	SAMTEC TMM 102-02-L-S
4	2	JP8,JP7	HEADER, 3PIN, 2mm	SAMTEC TMM-103-02-L-S
5	4	J1,J2,J3,J4	JACK, BANANA	KEYSTONE 575-4
6	2	J5,J6	CONN,BNC,5 PINS	CONNEX 112404
7	8	E1,E2,E3,E4,E7,E8,E9,E10	TURRET	MILL MAX 2308-2-00-80-00-00-07-0