

Item	Qty	Reference	Part Description	ManUFACTURE / Part #	
REQUIRED CIRCUIT COMPONENTS					
1	1	CIN1	CAP., ALUM, 120UF 63V, C-SANYO-MVAX-10X12.5	SANYO, 63MV120AX	
2	2	CIN3,CIN2	CAP., X7R 2.2UF 100V 20%,1812	TDK, C4532X7R2A225M	
3	1	COU1	CAP., ALUM, 270UF 16V 20%	OSCON, 16SP270M	
4	2	COU2,COU3	CAP., X7R, 22UF 16V 20%,1210	TDK, C3225X7R1C226M	
5	1	C1	CAP., X7R 0.1UF 100V 10%,0805	TDK, C2012X7R2A104K	
6	1	C2	CAP., X7R 1500pF 50V 10%,0402	AVX, 04025C152KAT	
7	1	C3	CAP., X7R 680PF 50V 5%,0402	AVX, 04025C681JAT	
8	1	C4	CAP., NPO, 120PF, 50V, 5% 0402	AVX, 04025A121JAT1A	
9	1	C5	CAP., X7R 1UF 16V 10%,0805	TDK, C2012X7R1C105K	
10	1	C6	CAP., X7R 0.22UF 16V 10%,0603	TDK, C1608X7R1C224K	
11	1	C7	CAP., NPO, 470PF 100V, 10% 1206	AVX, 12061A471KAT1A	
12	1	D1	DIODE,Speed Switching, SOT23	DIODE INC., BAS19-7	
13	1	D2	DIODE,0.5A Schotkky PWR Rectifier,SOD323	DIODE INC., 1N4148WS-7	
14	1	D3	DIODE,Schotkky,SMA-DIODE	DIODE INC., B160-13	
15	1	L1	IND, PWR, 15UH, L-PULSE-PB2020	PULSE, PB2020-153	
16	1	Q1	MOSFET N-Ch, 60V,Si7850DP,SO8-POWERPAK	VISHAY SILICONIX, Si7850DP	
17	1	Q2	MOSFET N-Ch, 60V,Si7370DP,SO8-POWERPAK	VISHAY SILICONIX, Si7370DP	
18	1	RSense	RES., CHIP, 15M 1W, 1%,2512	PANASONIC, ERJM1WTF15MU	
19	1	R1	RES., CHIP, 1M 1/10W 1%,0805	AAC CR10-1004FM	
20	1	R2	RES., CHIP, 0 Ohm 1/16W 5%,0402	AAC CJ05-000M	
21	2	R3,R8	RES., CHIP, 82.5K 1/16W 1%,0402	AAC CR05-8252FM	
22	1	R4	RES., CHIP, 200K 1/16W 1%,0402	AAC CR05-2003FM	
23	1	R5	RES., CHIP, 5.1M 1/10W 5%,0603	VISHAY CRCW0603 515J	
24	1	R6	RES., CHIP, 14.7K 1/16W 1%,0402	AAC CR05-1472FM	
25	1	R7	RES., CHIP, 130K 1/16W 1%,0402	AAC CR05-1303FM	
26	1	U1	IC.,LT3800EFE, TSSOP16FE	LINEAR TECH., LT3800EFE	

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ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS					
1	0	C8	CAP., X7R 1UF 16V 10%,0603	OPT	
2	0	D4,D5	DIODE,Schotkky,SOD123	OPT	
3	0	E5	TP, TURRET, .094"	OPT	
4	0	Q3	MOSFET N-Ch, 60V,Si7850DP,SO8-POWERPAK	OPT	
5	0	Q4	MOSFET N-Ch, 60V,Si7370DP,SO8-POWERPAK	OPT	
6	0	Q5	MOSFET PAIR, LOW-THRESHOLD, Si1555DL,SOT363	OPT	
HARDWARE FOR DEMO BOARD ONLY					
1	4	E1,E2,E3,E4	TP, TURRET, .094"	MILL-MAX, 2501-2	
2	1	JP1	JMP, 3PIN 1 ROW .079CC	COMM-CON, 2802S-03-G2	
3	1	JP2	JMP, 2X3, .079CC	COMM-CON, 2202S-06-G2	
4	2	SHUNT FOR JP1(1&2) & JP2(3&4)	SHUNT, .079" CENTER	COMM-CON, CCIJ2MM-138G	
5	4	STAND-OFFS ON BOTTOM SIDE	STAND-OFF, NYLON (SNAP ON), 0.50" TALL	KEYSTONE, 8833(SNAP ON)	