

Item	Qty	Reference	Part Description	Manufacturer / Part #
REQUIRED CIRCUIT COMPONENTS:				
1	1	CIN1	CAP, 1812 4.7uF 20% 50V X5R	TDK C4532X5R1H475M
2	2	COU1,COU2	CAP, 1206 2.2uF 10% 50V X5R	MURATA GRM31CR71H225KA88I
3	2	C1,C2	CAP, 0603 0.22uF 10% 25V X5R	AVX 06033D224KAT2A
4	2	C3,C4	CAP, 0402 0.1uF 10% 16V X5R	AVX 0402YD104KAT2A
6	2	D1,D2	DIODE, FAST SWITCHING	DIODES INC. 1N4448W-7-F
7	2	D3,D4	DIODE, SCHOTTKY	DIODES INC. B240A-13-F
8	2	D6,D5	DIODE, ZENER 9.1V	DIODES INC. MMSZ5239BS-7-F
9	2	D8,D7	DIODE, ZENER 22V, SOD123	DIODES INC. MMSZ5251BS-7-F
11	2	L1,L2	IND, 47uH	SUMIDA CDRH104RNP-470NC
14	2	Q4,Q5	XSTR, NPN, BIPOLAR	DIODES INC. MMBT3904-7-F
18	1	R12	RES, 0402 24.3K OHMS 1% 1/16W	VISHAY CRCW040224K3FKED
20	2	R15,R18	RES, 0402 100K OHMS 5% 1/10W	VISHAY CRCW0402100KJNEA
21	2	R16,R17	RES, 0402 10K OHMS 5% 1/10W	VISHAY CRCW040210K0JNEA
22	2	R20,R19	RES, 0805 1K OHMS 1% 1/8W	VISHAY CRCW08051K00FKEA
23	1	U1	IC, DUAL STEP-DOWN LED DRIVER	LINEAR TECH. LT3475EFE-1
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
5	0	C7	CAP, 0402 220pF 10% 25V NPO OPTION	AVX 04023A221KAT2A OPTION
12	0	Q2,Q1	XSTR, MOSFET, N-CHANNEL (OPTION)	VISHAY Si2318DS-T1-E3 (OPTION)
13	0	Q3	XSTR, MOSFET, N-CHANNEL (OPTION)	DIODES INC. 2N7002 (OPTION)
15	1	R1	RES, 0402 20K OHMS 1% 1/16W	VISHAY CRCW040220K0FKED
16	2	R3,R2	RES, 1206 0 OHM JUMPER	VISHAY CRCW12060000Z0EA
17	0	R4-R9,R14	DO NOT STUFF	OPTION
19	0	R13	RES, 0402 1.0M 5% 1/16W OPTION	VISHAY CRCW04021M00JNED OPTION
HARDWARE				
10	11	E1-E11	TURRET	MILL MAX MILL-MAX 2501-2-00-80-00-00-07-C