

Item	Qty	Ref -Des	Description	Manufacturer's Part Number
REQUIRED CIRCUIT COMPONENTS:				
1	1	C1	CAP, 22uF 20% 50V ELECT.	SUN ELECT. 50CE22BS
2	1	C2	CAP, 1210 4.7uF 10% 50V X7R	MURATA GRM32ER71H475KA88L
3	1	C4	CAP, 1210 47uF 10% 10V X7R	MURATA GRM32ER71A476K
4	1	C7	CAP, 0603 0.1uF 10% 25V X5R	TDK C1608X5R1E104K
5	1	C8	CAP, 0603 100pF 5% 50V NPO	AVX 06035A101JAT2A
6	2	C9,C12	CAP, 0805 1uF10% 50V X7R	MURATA GRM21BR71H105KA12L
7	1	C10	CAP, 0805 0.22uF 10% 50V X7R	TAIYO YUDEN UMK212B7224KG-T
8	1	C11	CAP, 0603 2200pF 10% 50V X7R	AVX 06035C222KAT2A
9	1	C13	CAP, 0603 10pF 5% 50V NPO	AVX 06035A100JAT2A
10	1	D1	DIODE, SCHOTTKY, BARRIER RECTIFIER 8A	MICRO SEMI UPS840
11	1	D2	DIODE, SCHOTTKY	DIODES INC. DFLS1100-7
12	1	D3	DIODE, SCHOTTKY SOD323	CENTRAL SEMI CMDSH-3
13	1	D4	DIODE, POWER ZENER 1.0W	DIODES/ZETEX DFLZ5V6-7
14	1	R3	RES, 0603 357K OHMS 1% 1/10W	NIC NRC06F3573TRF
15	1	R6	RES, 0603 93.1K OHMS 1% 1/10W	VISHAY CRCW060393K1FKED
16	1	R7	RES, 0603 80.6K OHMS 1% 1/10W	VISHAY, CRCW060380K6FKEA
17	1	R8	RES, 0805 2K OHMS 1% 1/8W	VISHAY CRCW08052K00FKEA
18	1	R9	RES, 0603 28.7K OHMS 1% 1/10W	NIC NRC06F2872TRF
19	1	R10	RES, 0603 10K OHMS 1% 1/10W	VISHAY CRCW060310K0FKED
20	1	R11	RES, 0603 6.04K OHMS 1% 1/10W	NIC NRC06F6041TRF
21	1	R15	RES, 0603 24.9K OHMS 1% 1/10W	NIC NRC06F2492TRF
22	1	T1	TRANSFORMER	WURTH 750311675
23	1	U1	IC, MONOLITHIC FLYBACK CONVERTER	LINEAR TECH LT3575EFE
HARDWARE-FOR DEMO BOARD ONLY:				
1	5	E1,E2,E3,E5,E6	TURRET	MILL-MAX 2501-2-00-80-00-00-07-0
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS:				
1	0	C5	CAP, 22uF 20% 50V ELECT. OPTION	SUN ELECT. 50CE22BS OPTION
2	0	C14	CAP, 1206 0.033uF OPTION	OPTION
3	0	C19	CAP, 1210 4.7uF 10% 50V X7R OPTION	MURATA GRM32ER71H475K OPTION
4	0	C20	CAP, 0603 0.01uF 10% 50V X7R OPTION	NIC NMC0603X7R104K50TRPF OPT.
5	0	FB1	FERRITE BEAD OPTION	TAIYO YUDEN FB MJ3216HS800 OPT.
6	0	L1	IND, 10uH OPTION	SUMIDA CDRH4D22/HP OPTION
7	0	Q1	XSTR, MOSFET, N-CHANNEL 30V OPTION	VISHAY Si3456DDV OPTION
8	0	R4	RES, 0805 440 OHMS 1% 1/8W OPTION	NIC NRC10F4400TRF