

Qty	Ref - Des	Description	Manufacturer's Part Number
<b>REQUIRED ELECTRICAL COMPONENTS</b>			
7	C2,C3,C4,C5,C6,C7,C8	CAP, 1210 2.2uF 20% 100V X7R	TDK C3225X7R2A225M
1	C9	CAP, 0402 4.7nF 20% 25V X7R	AVX 04023C472KAT2A
1	C10	CAP, 0402 0.1uF 10% 16V X7R	TDK C1005X7R1C104K
1	C11	CAP, 0603 4.7uF 10% 10V X5R	TDK C1608X5R1A475K
1	D1	DIODE, SCHOTTKY	DIODES INC. PDS3100-13
1	L1	IND, 22uH 20%	COOPER COILTRONICS DR125-220
1	M1	MOSFET N-CHANNEL 100V	VISHAY SILICONIX Si2328DS
1	RS1	RES, 1206 0.68 OHMS 1% 1/4W	IRC LR1206LF-01-R68-FT
1	R1	RES, 0402 28.7k OHMS 1% 1/16W	VISHAY CRCW040228K7FKED
1	R2	RES, 0402 33k OHMS 5% 1/16W	VISHAY CRCW040233K0JNED
1	R7	RES, 0402 1M OHMS 1% 1/16W	VISHAY CRCW04021M00FKED
1	R8	RES, 0402 16.2k OHMS 1% 1/16W	VISHAY CRCW040216K2FKED
1	U1	IC, 100VIN/100VOUT LED CONVERTER	LINEAR TECH. LT3956EUHE
<b>OPTIONAL ELECTRICAL COMPONENTS</b>			
0	C1	CAP, 1206 OPTION	OPTION
0	C12,C13,C14,C15	CAP, 1210 OPTION	OPTION
0	M2	MOSFET P-CHANNEL OPTION	OPTION
0	Q1	XSTR, OPTION	OPTION
1	R3	RES, 0603 332k OHMS 1% 1/16W	VISHAY CRCW0603332KFKED
1	R4	RES, 0603 100k OHMS 1% 1/16W	VISHAY CRCW0603100KFKEA
1	R5	RES, 0402 332k OHMS 1% 1/16W	VISHAY CRCW0402332KFKED
1	R6	RES, 0402 40.2k OHMS 1% 1/16W	VISHAY CRCW040240K2FKEA
1	R9	RES, 0603 100k OHMS 5% 1/16W	VISHAY CRCW0603100KJNED
2	R10,R11	RES, 0805 0 OHM JUMPER	VISHAY CRCW08050000Z0EA
1	R12	RES, 1206 0 OHM JUMPER	VISHAY CRCW1206000Z
0	R13,R14,R16,R24	RES, 0603 OPTION	OPTION
0	R15,R20,R22,R23	RES, 1206 OPTION	OPTION
0	R17,R18	RES, 0402 OPTION	OPTION
0	R19,R21	RES, 0805 OPTION	OPTION
<b>HARDWARE</b>			
13	E1-E13	TURRET	MILL MAX 2501-2-00-80-00-00-07-0