



DANGER!: THE READER IS WARNED THAT CAUTION MUST BE USED IN THE CONSTRUCTION, TESTING AND USE OF THIS CIRCUIT. LETHAL HIGH VOLTAGE POTENTIALS ARE PRESENT IN THIS CIRCUIT. EXTREME CAUTION MUST BE USED IN WORKING WITH, AND MAKING CONNECTIONS TO, THIS CIRCUIT. USE CAUTION.

IMPORTANT NOTICE

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BOM

Item	Ref.	Specifications
1	U1-5	LS9100X AC LED Driver
2	VR1	CU3225K175G2 TVS 455V 5A 3225
3	F1	SET1100 6125 Series Slow-blow SMA Fuse 250V 1A
4	R1,R12	Thick Film Resistors - SMD 12 OHMs 5% 1W
5	R2-6	Thick Film Resistors - SMD 20 OHMs 1% 1/4W
6	R7-11	Thick Film Resistors - SMD 33 OHMs 5% 1/4W
7	R13	Thick Film Resistors - SMD 499k OHMs 10% 1/4W 400V
8	D1-n	Mid Power LEDs Total Vfwd = 200-210 Vpk 200mA
9	C1	Aluminum Electrolytic - SMD 250V 100uF 20%



Sheet: /		File:	
Title: 50W LS9100X based LED Engine			
Size: A4	Date: 2019-10-03	Rev: A	
LSI/CSI a Semiconductor Company			Id: 1/1