

Circuit Description

The LED PAR Lamp was using constant current drive the LED light source with isolation circuit in switch mode. IW1678 is the circuit's controller and switch, which is worked at fly-back mode, and the working frequency is 64KHz. And the FR1 ,When input is shorted, it performs input shorted protect function. the C1、 C2、 L1: Work together which perform EMI function. And the U1, A power supply controller combines a high voltage power MOSFET switch which uses a simple ON/OFF control to regulate the output voltage The secondary circuit use Half-bridge rectifier and aluminum film capacitor for rectifying and filtering.