



The schematic diagram illustrates a 100W LED driver circuit. It features a 2N7000 MOSFET switching stage, a 7805 voltage regulator, and a 100W LED load. The MOSFET is driven by a 10V gate voltage. The 7805 regulator is powered by a 10V input and provides a 5V output to the LED. The LED is connected to ground through a 100Ω resistor.



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