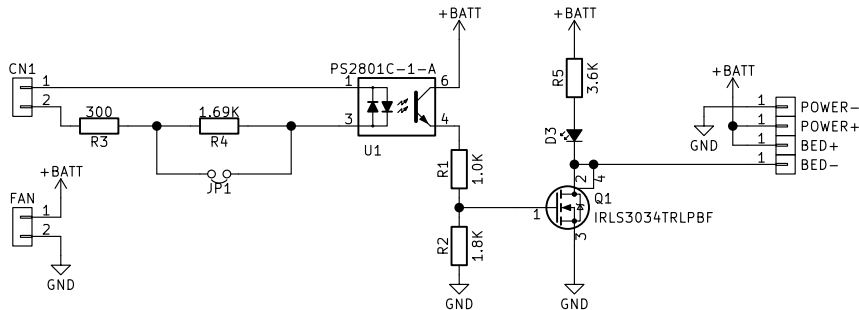


Power – 11v – 30v
 JP1 – Install if input trigger is between 3.0v – 5.5v
 JP1 – Remote if input trigger is between 10v – 30v

The input trigger is optically isolated from the bed power supply.

30A Max current through bed terminals. Q1 is capable of 195A at 25 deg C but the power terminals are rated for 30A per pin.

Max size heated bed
 30v – 900Watts (1.0 Ohms)
 24v – 720Watts (0.8 Ohms)
 12v – 360Watts (0.4 Ohms)



CN1, FAN, and JP1 are all combined into one connector on the PCB.

The connector part number is in the part data for CN1

Part Data for the shorting block is in JP1

Mating Connector for for CN1 and FAN – Harwin Inc. M20-1060200 with crimp M20-1160042 Digi-Key part Numbers – 952-2227-ND and 952-2157-2-ND respectively.

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Digital Sqrt

It's the little things that count

Sheet: /
 File: High Power SW.sch

Title: Little Driver Board

Size: User Date: 2016-11-26
 KiCad E.D.A. kicad 4.0.6

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