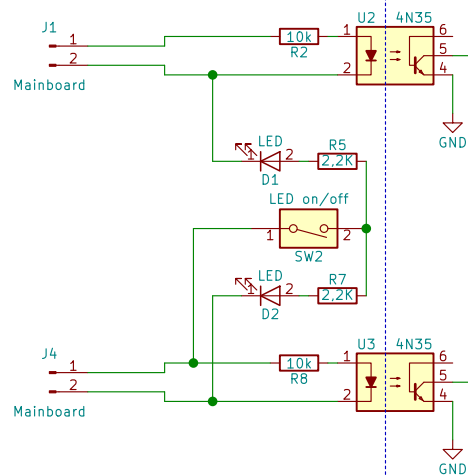
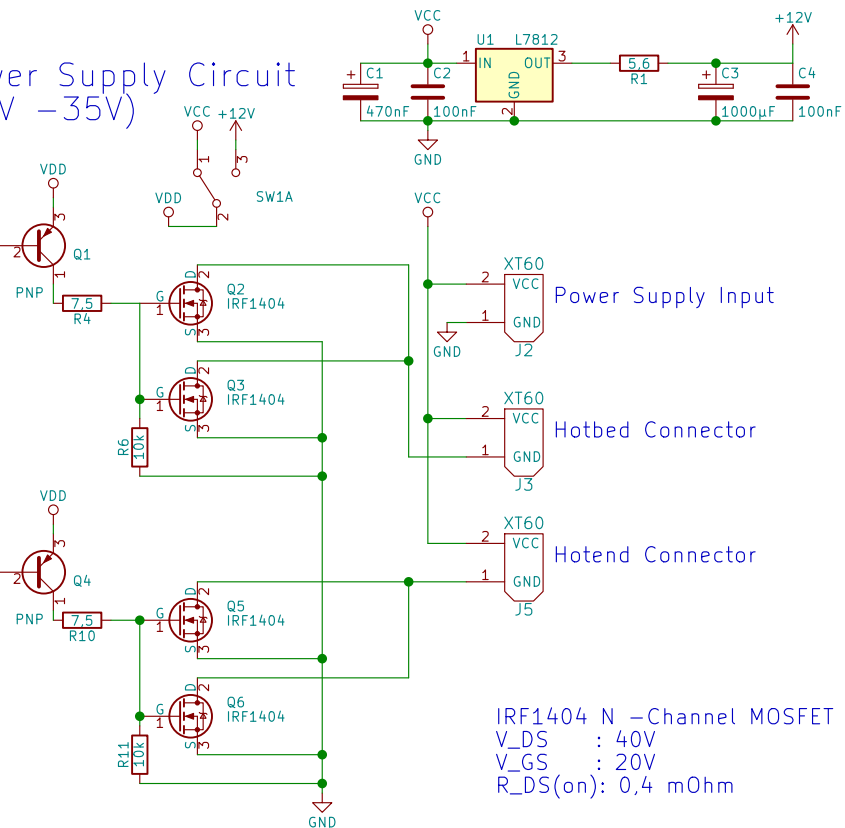


## Mainboard Circuit (12V)



## Power Supply Circuit (10V – 35V)



IRF1404 N –Channel MOSFET  
V\_DS : 40V  
V\_GS : 20V  
R\_DS(on): 0,4 mOhm

Mosfet Protection for Hotbet and Hotend  
for Hotend and hotbed there are 1 Mosfet + 1 backup Mosfet for each  
if the power supply has more than 14.5V, than switch SW1 to L7812 (12V) output  
SW1 turn on/off signal leds

Sheet: /  
File: MosfetSchaltung\_v1.1.sch

### Title: Double Mosfet Protection for 3D Printing

Size: A4 Date: 2018-01-03

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