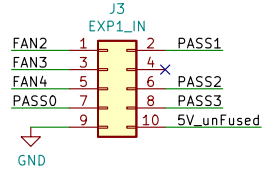


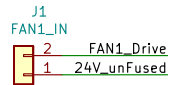
Inputs

EXP from SKR

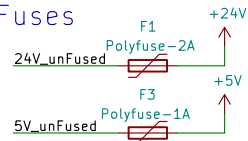


SKR Mini E3 V2 EXP1
PB5 PA15
TX1/PA9 RST
RX1/PA10 PB9
PB8 PB15
GND +5V

FAN1 from SKR



Fuses

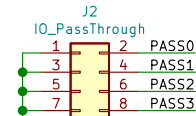


LED Enable



Cut this trace to disable LED from turning on when their corresponding MOSFET turns on.

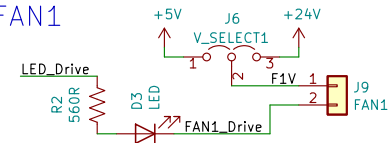
Unused I/O Outputs



Unused I/O's exposed on header for generic use, i.e. with buttons

Fan Outputs

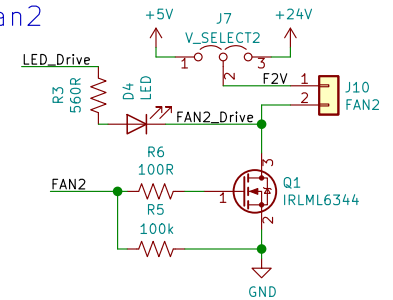
FAN1



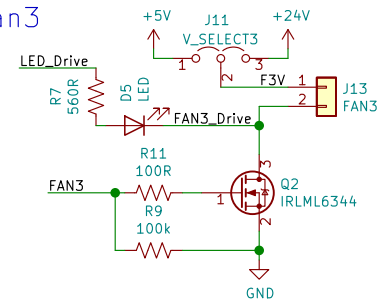
FAN1 is a pass through fan. It is included for a simple +12/24V reference, and to select drive voltage.

No control is done to this fan!

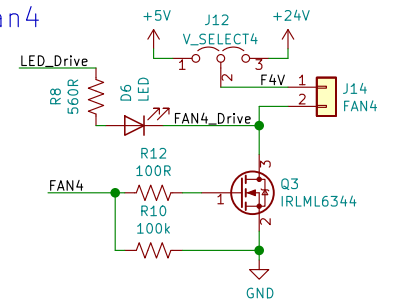
Fan2



Fan3



Fan4



Drawn by Dotdash32 (JDeW)

Voron Design

Sheet: /

File: FanExpander-Lite.sch

Title: SKR E3 Mini Fan Expander Lite

Size: A Date: 2021-12-18

KiCad E.D.A. kicad (5.1.10-1-10_14)

Rev: V0.1.1

Id: 1/1