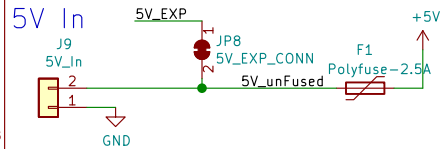
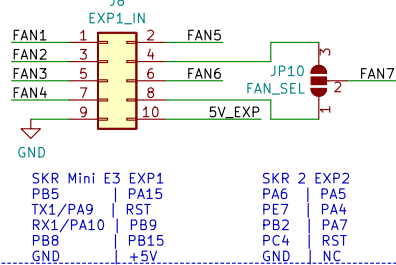
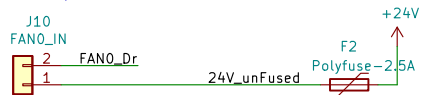


Inputs

EXP from SKR

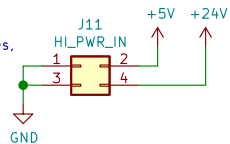


Fan0/24V In



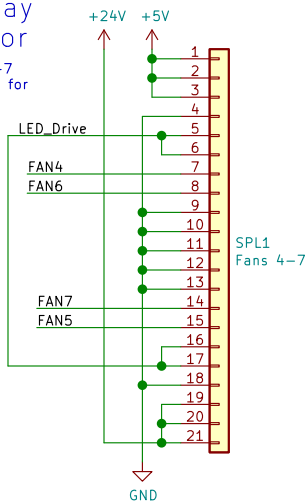
Unfused Inputs

These pins bypass the PTC Fuses, allowing higher current devices to be run. An external fuse should be used, and Fans 7-6 preferred (shorter traces)



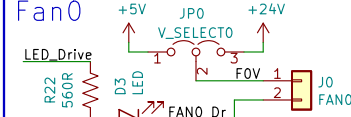
Breakaway Connector

Carries Fans 4-7 can be removed for Lite Version



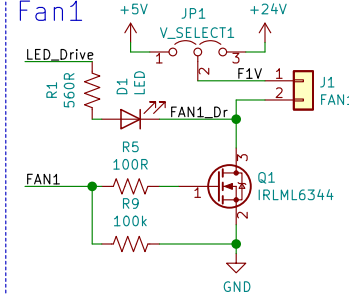
Fan Outputs

Fan0

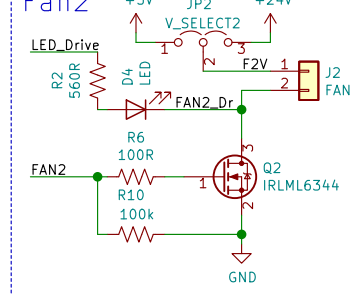


Fan0 is a Passthrough Fan. No control is exerted on this fan. It can either select the voltage for a fan on the primary board, or can have a voltage selectable always on fan.

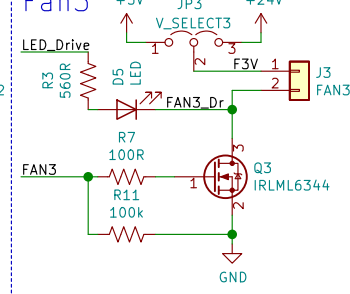
Fan1



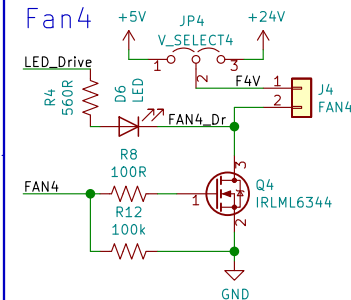
Fan2



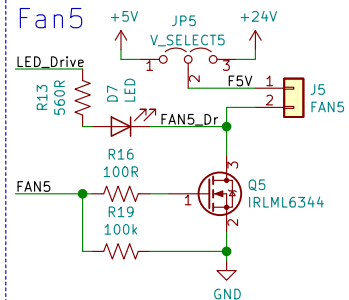
Fan3



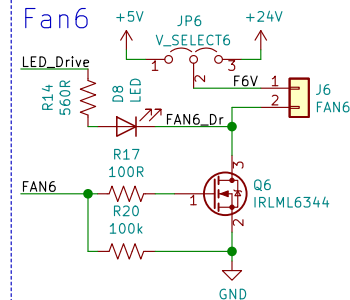
Fan4



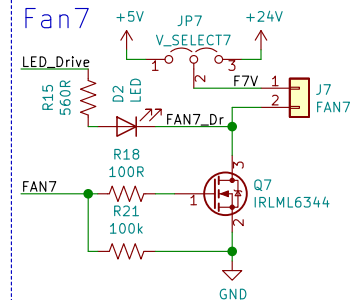
Fan5



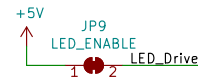
Fan6



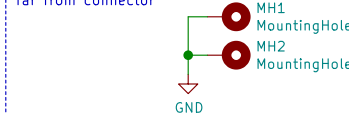
Fan7



LED Enable



Mounting Holes



Drawn by Dotdash32 (JDew)

Voron Design

Sheet: /

File: FanExpander-kicad.sch

Title: SKR E3 Mini Fan Expander

Size: A Date: 2021-12-23

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

Rev: V0.1.2

Id: 1/1