

Heater & Fan Control

Htr_Fan.sch

Stepper Driver

Stepper_Drv.sch

Headers & Power

Headers.sch

http://www.ohwr.org/attachments/2388/cern_ohLv_1_2.txt
CERN OSH License 1.2

Think3DPrint3D, Escher 3D

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Title: Duex5

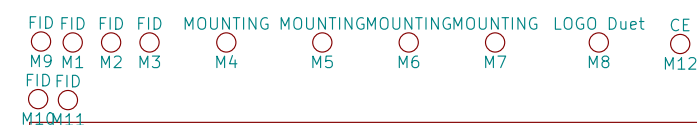
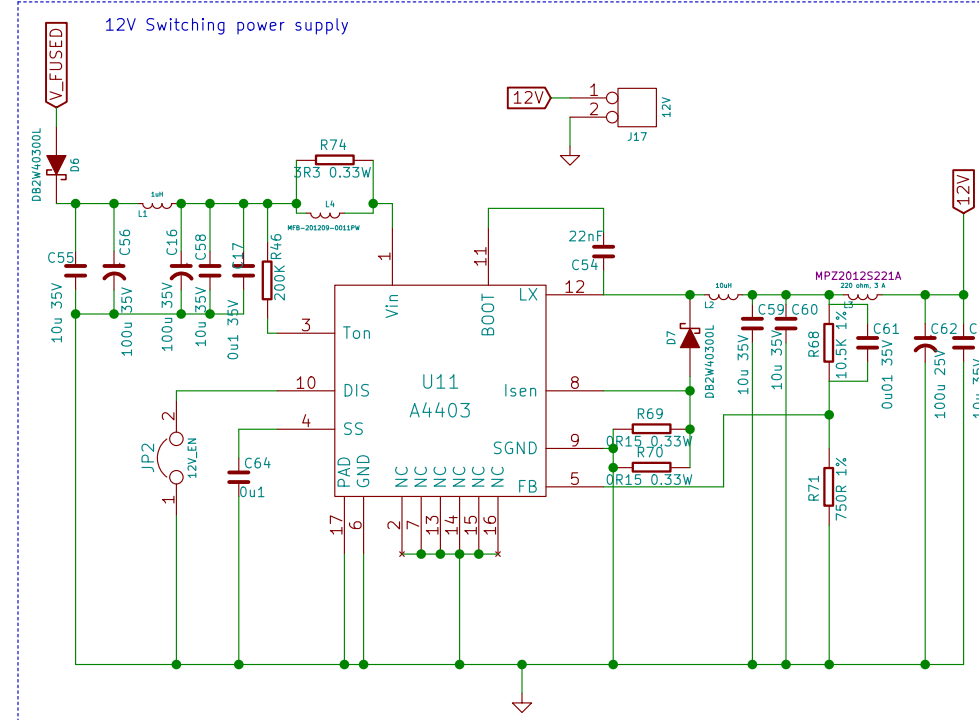
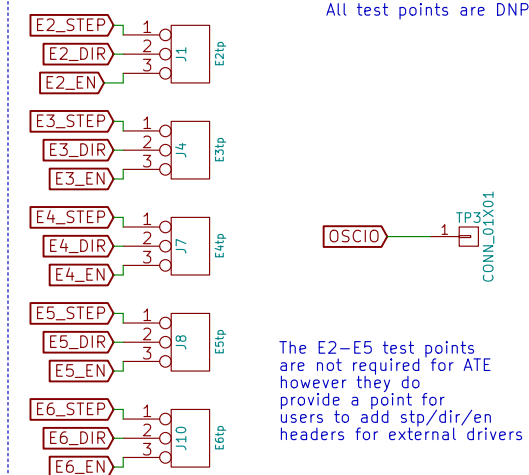
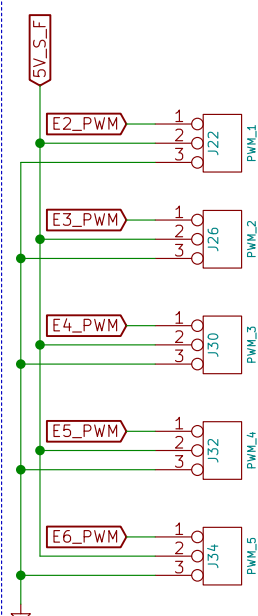
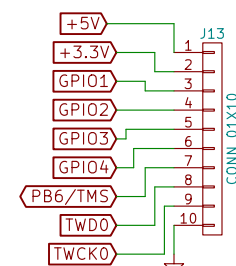
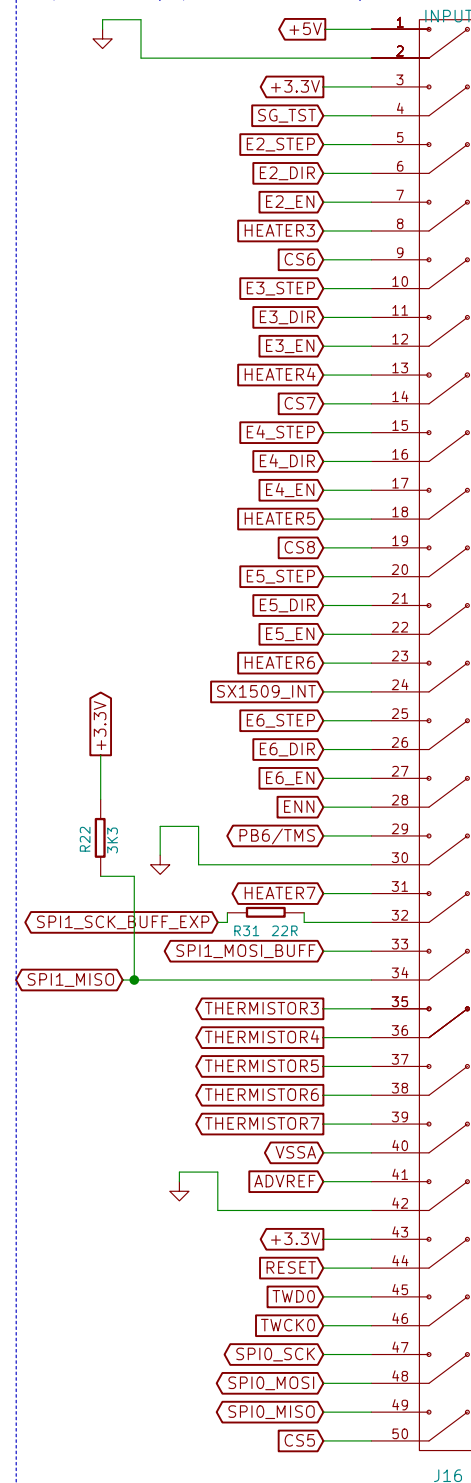
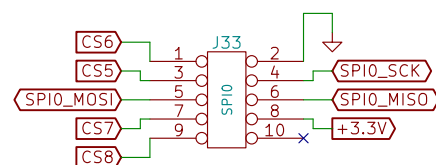
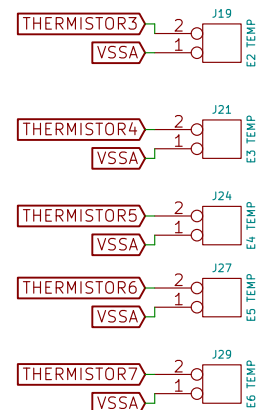
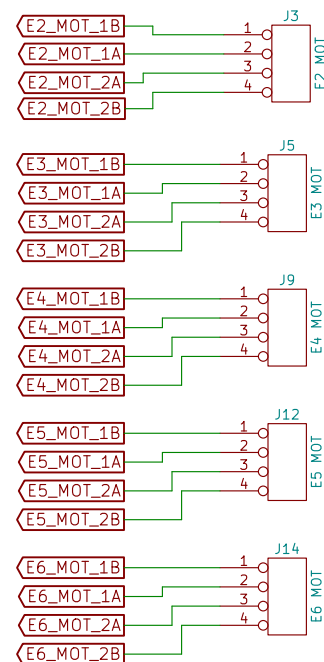
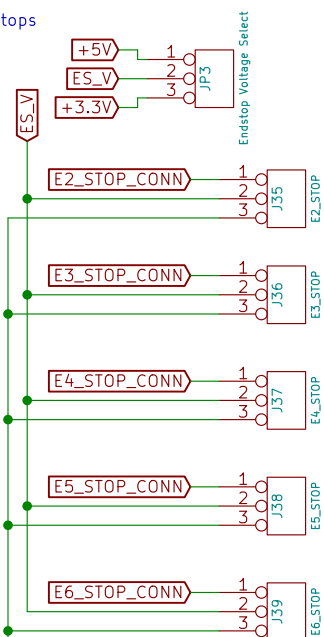
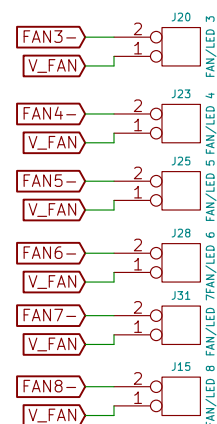
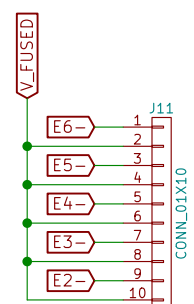
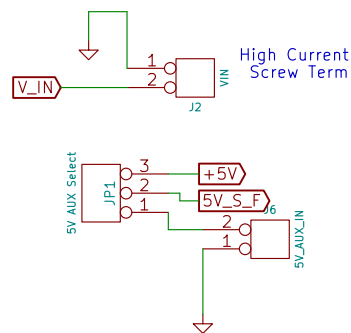
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Rev: 0.9

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Think3DPrint3D, Escher 3D

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File: Headers.sch

Title: Duex5

Size: A3	Date: 2019-01-05
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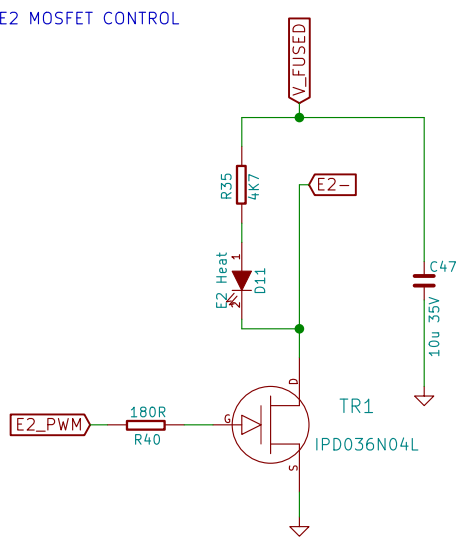
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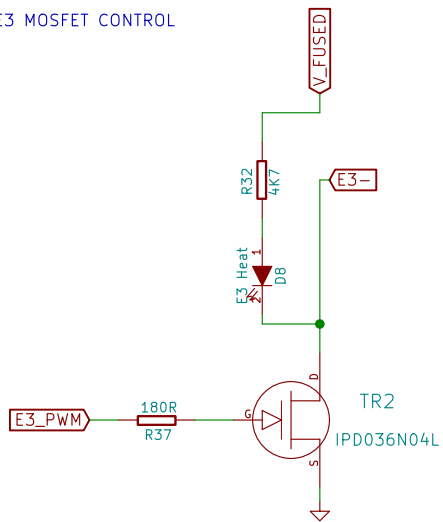
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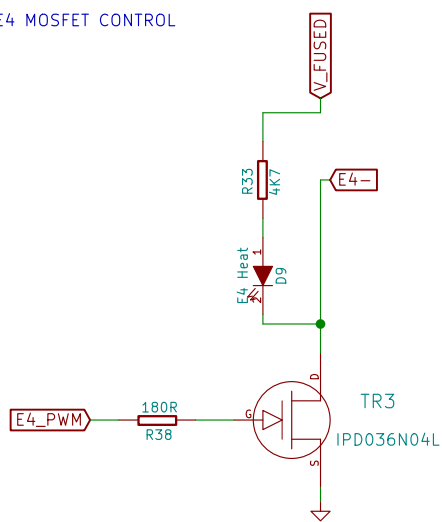
E2 MOSFET CONTROL



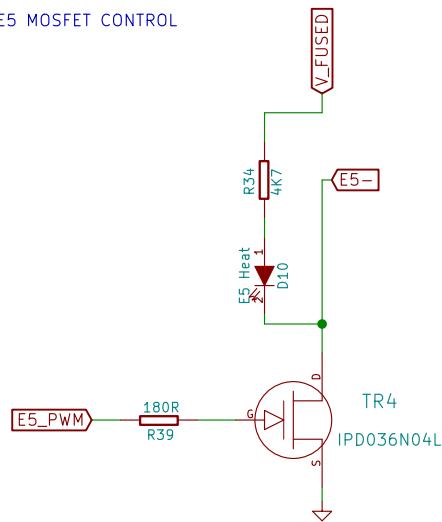
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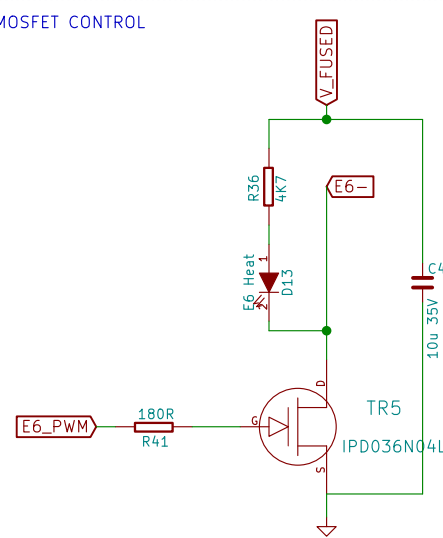
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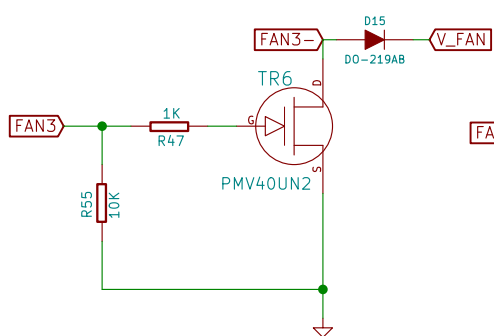
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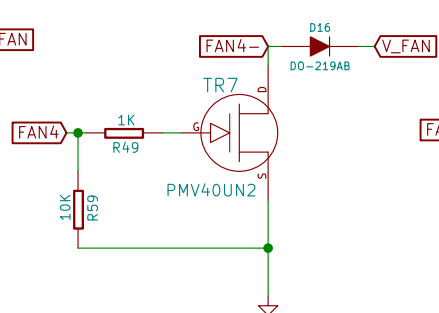
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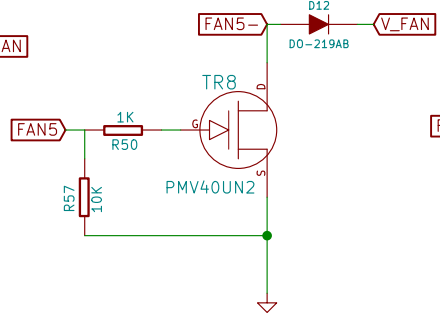
FAN 3 MOSFET CONTROL



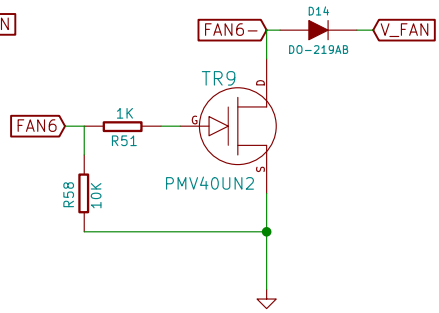
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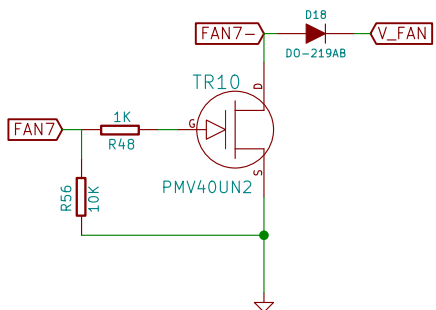
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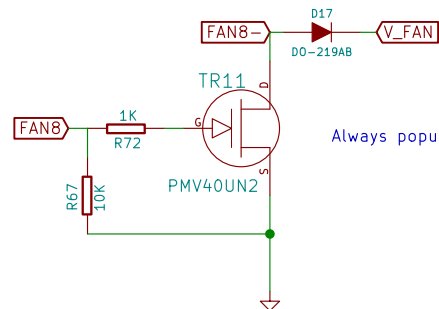
FAN 6 MOSFET CONTROL



FAN 7 MOSFET CONTROL

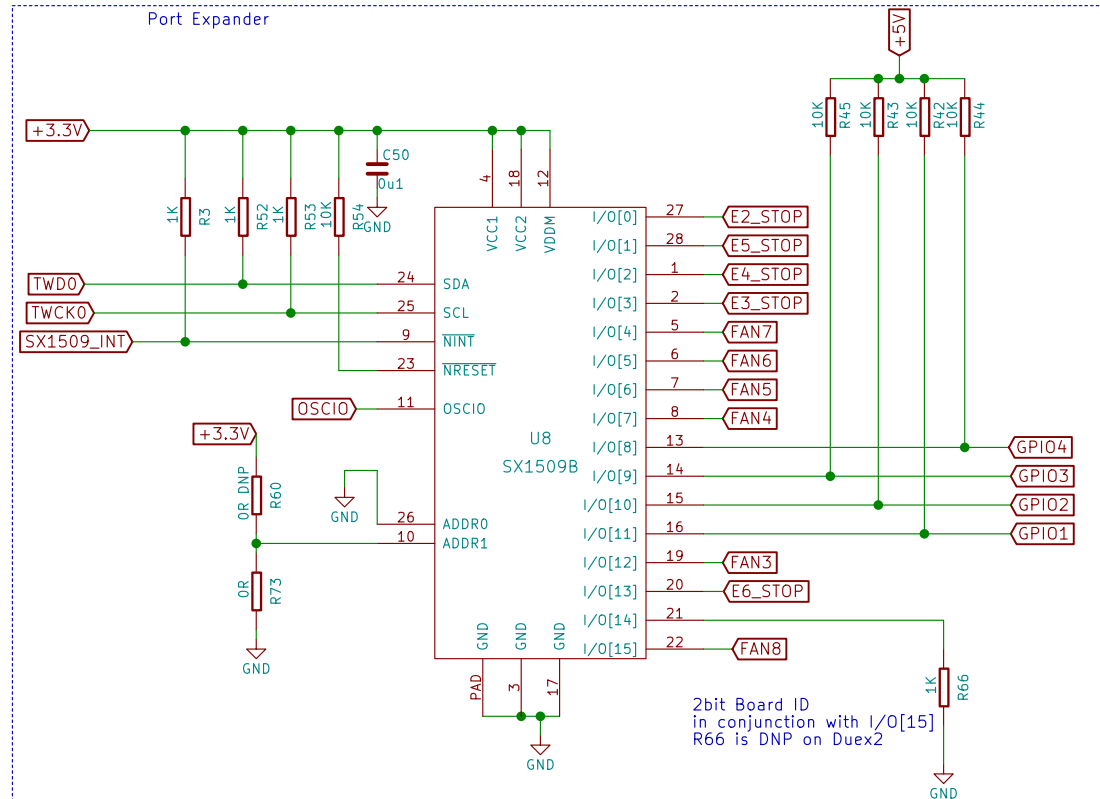


FAN 8 MOSFET CONTROL

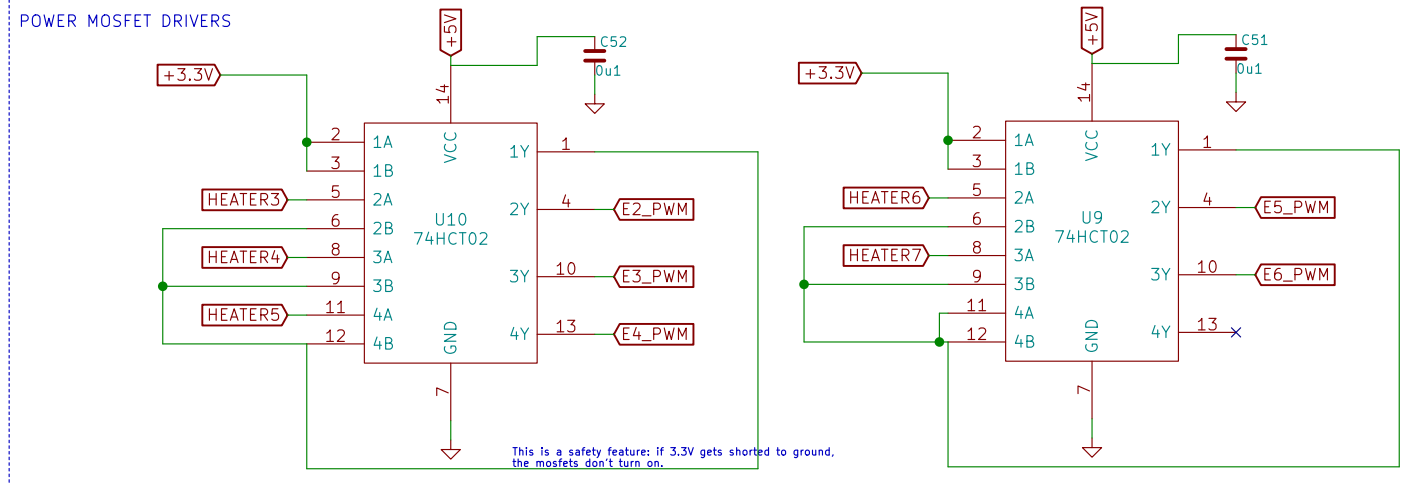


Always populate R67, even on Duex2

Port Expander

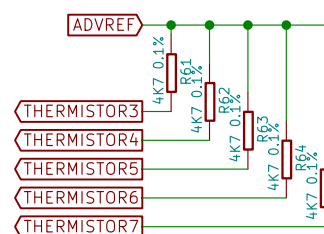


POWER MOSFET DRIVERS

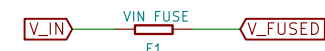


This is a safety feature: If 3.3V gets shorted to ground, the mosfets don't turn on.

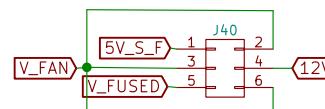
Thermistor Pullups



VIN Fused



FAN Voltage Select



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Sheet: /Heater & Fan Control/

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Title: Duex5

Size: A3 Date: 2019-01-05

Rev: 0.9a

KiCad E.D.A. kicad 4.0.7

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