

Duet3 Mainboard

Processor

Processor

Processor.sch  
sheet5F4EC370

Stepper Driver & Endstops

Stepper Drivers

Stepper\_Drv.sch  
MOSFET outputs

Headers

Headers

Headers.sch  
sheet5B64A4E5

IO

Endstops.sch  
Power

Power

Power.sch

MOSFET outputs

Htr\_Fan.sch

Comms

Comms.sch

(c) Duet3D  
**Duet3d**

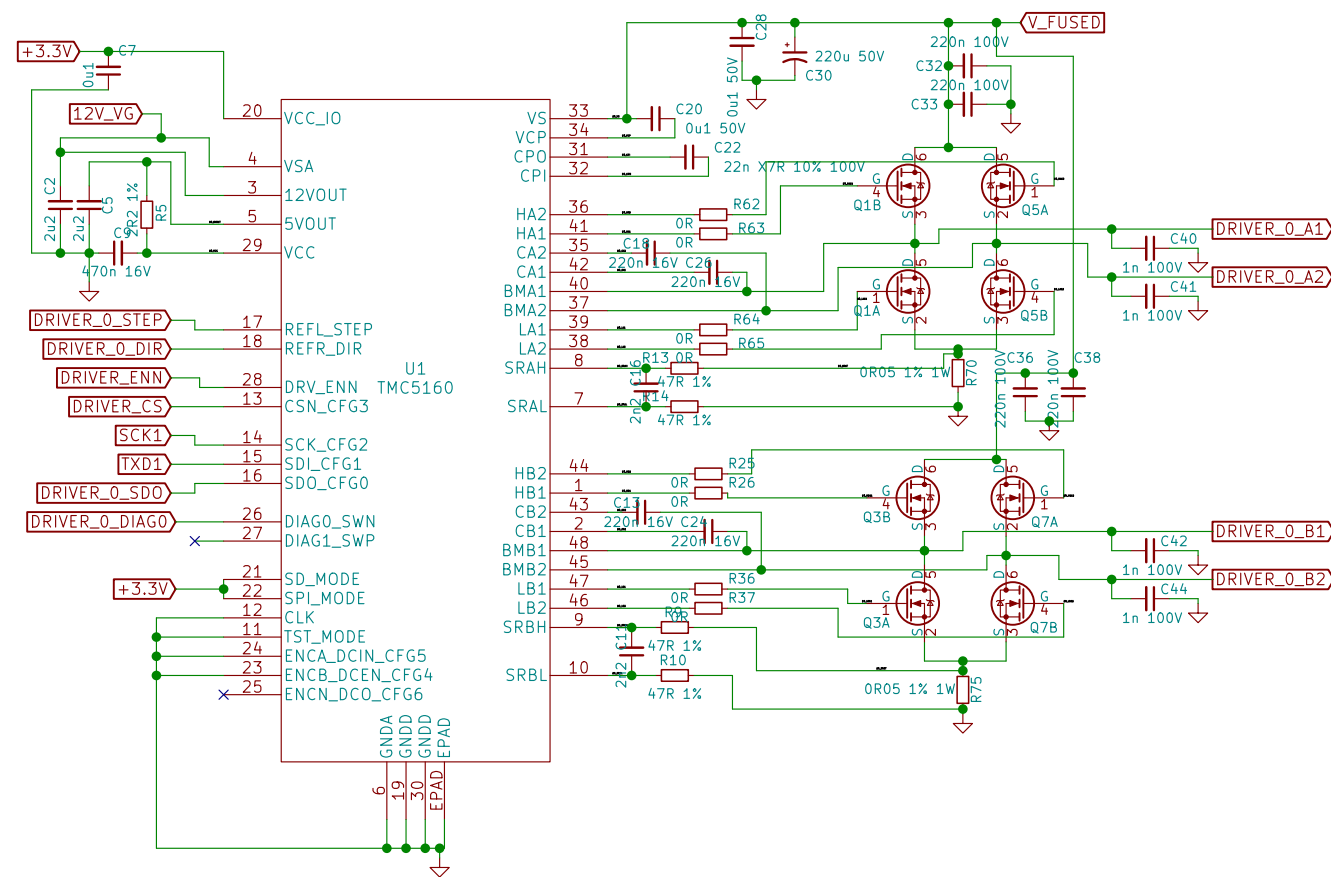
Sheet: /  
File: Duet3\_MB.sch

**Title: Duet 3 Main Board**

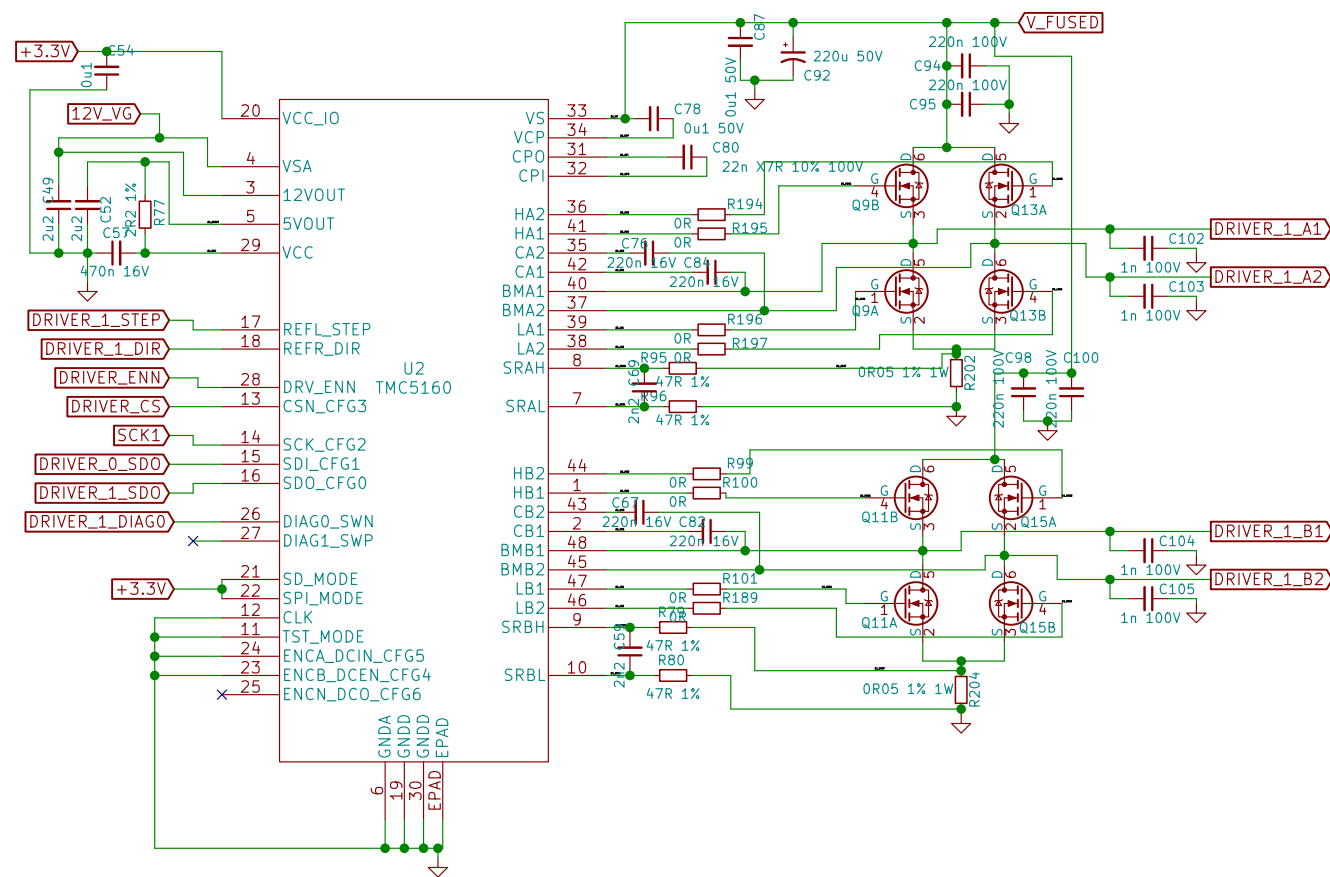
Size: A4      Date: 2019-08-01  
KiCad E.D.A.   kicad (5.0.0)

**Rev: 0.6**  
Id: 1/8

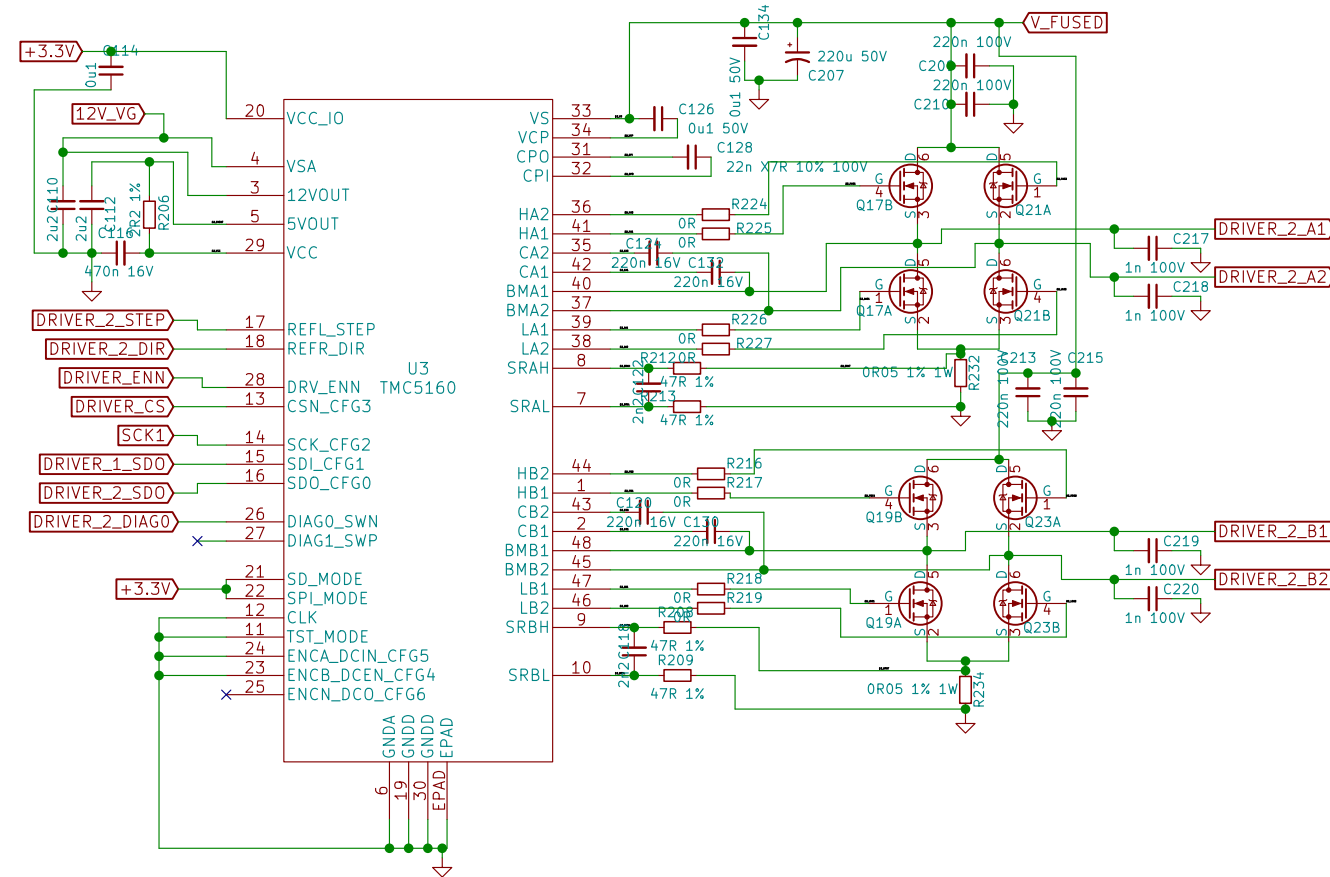
Driver 0



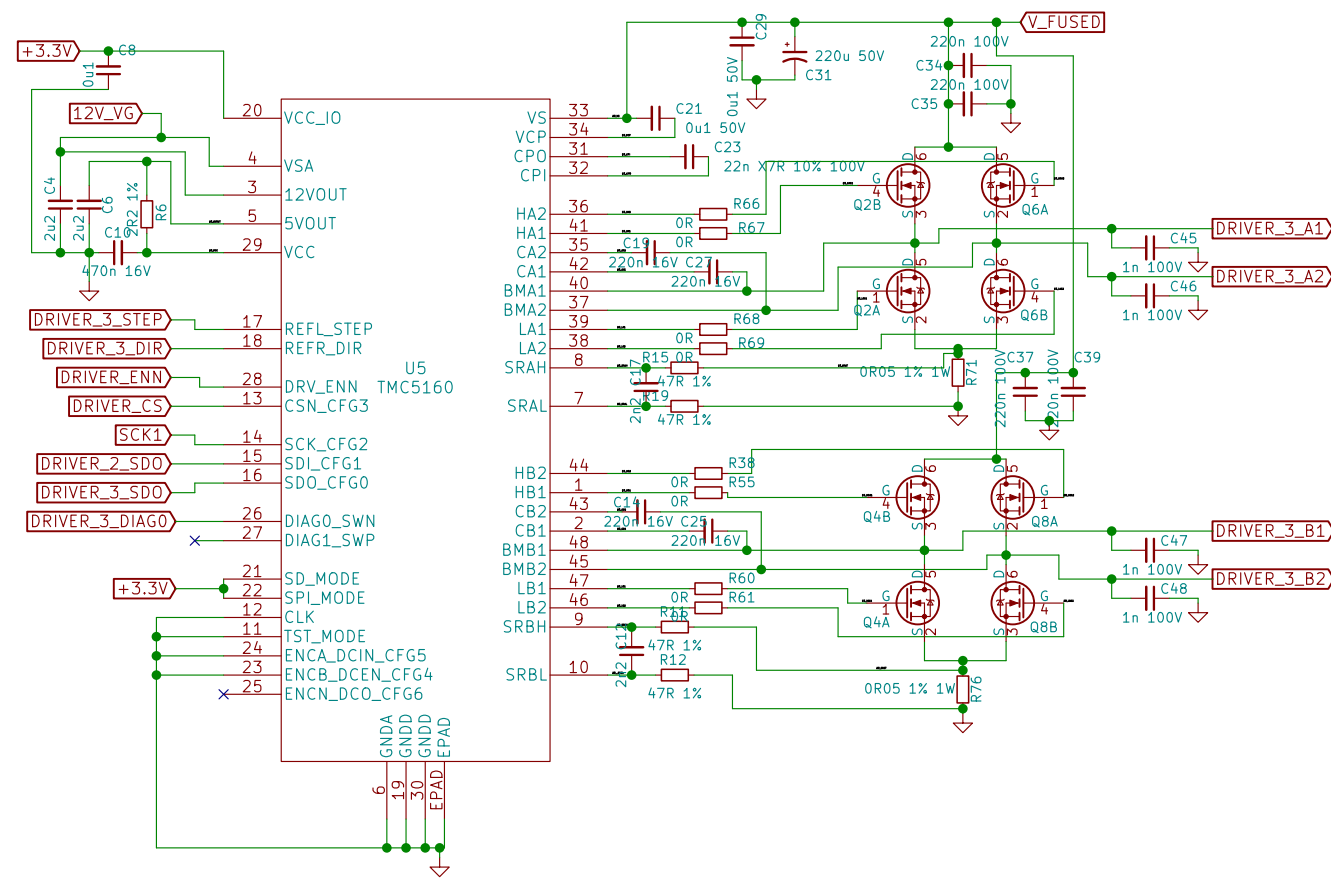
Driver 1



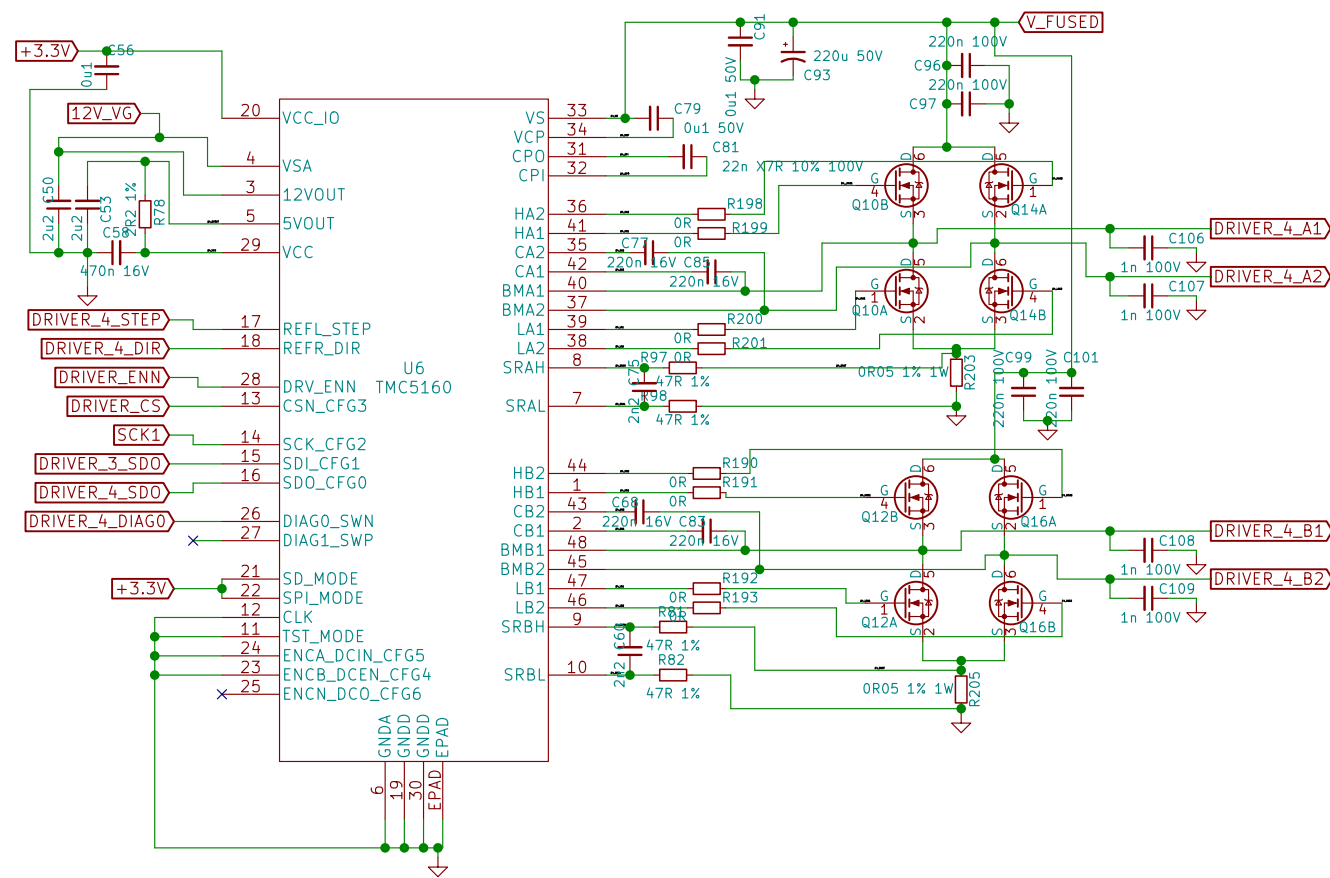
Driver 2



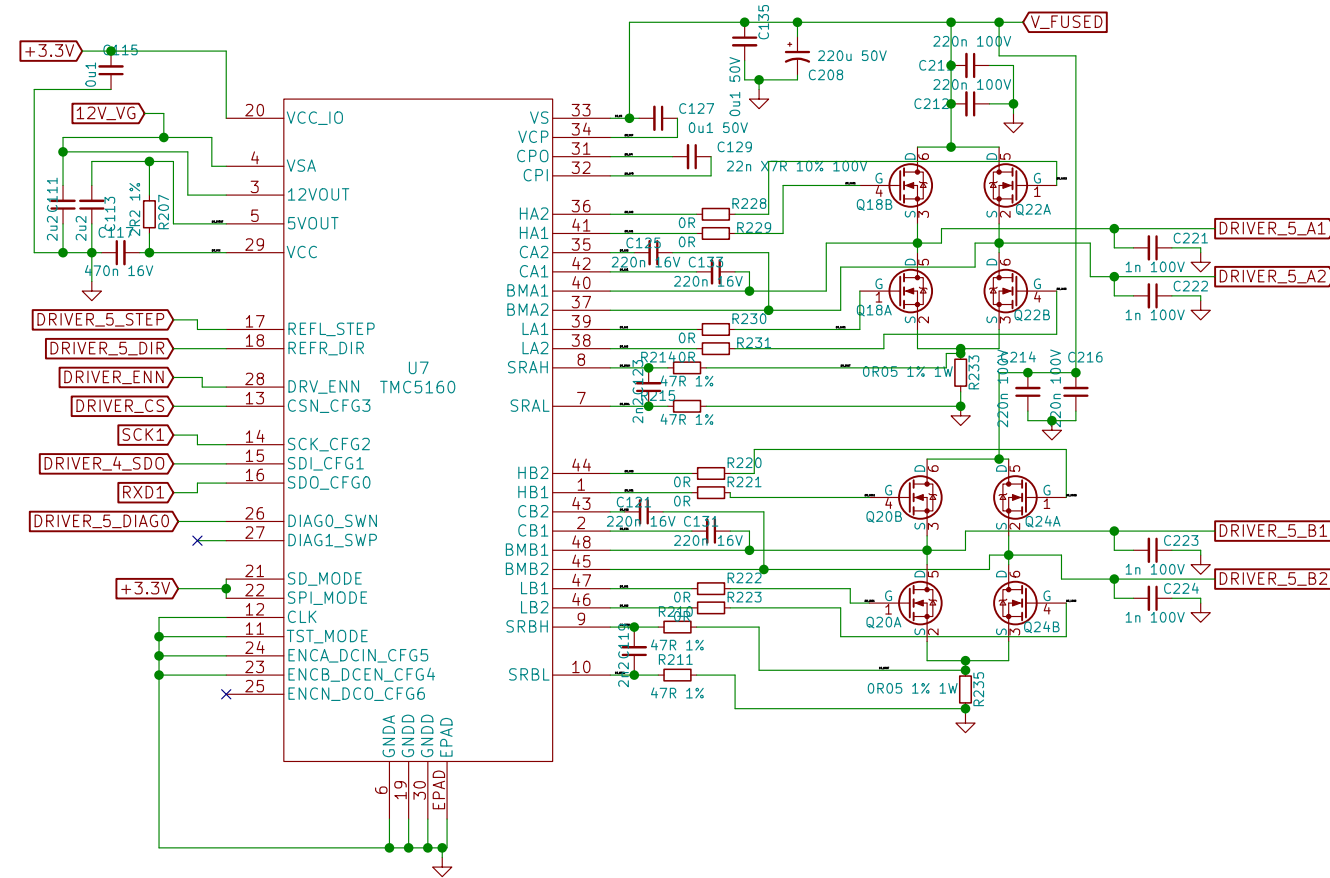
Driver 3



Driver 4



Driver 5



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Duet3D

Sheet: /Stepper Driver &amp; Endstops/

File: Stepper\_Drv.sch

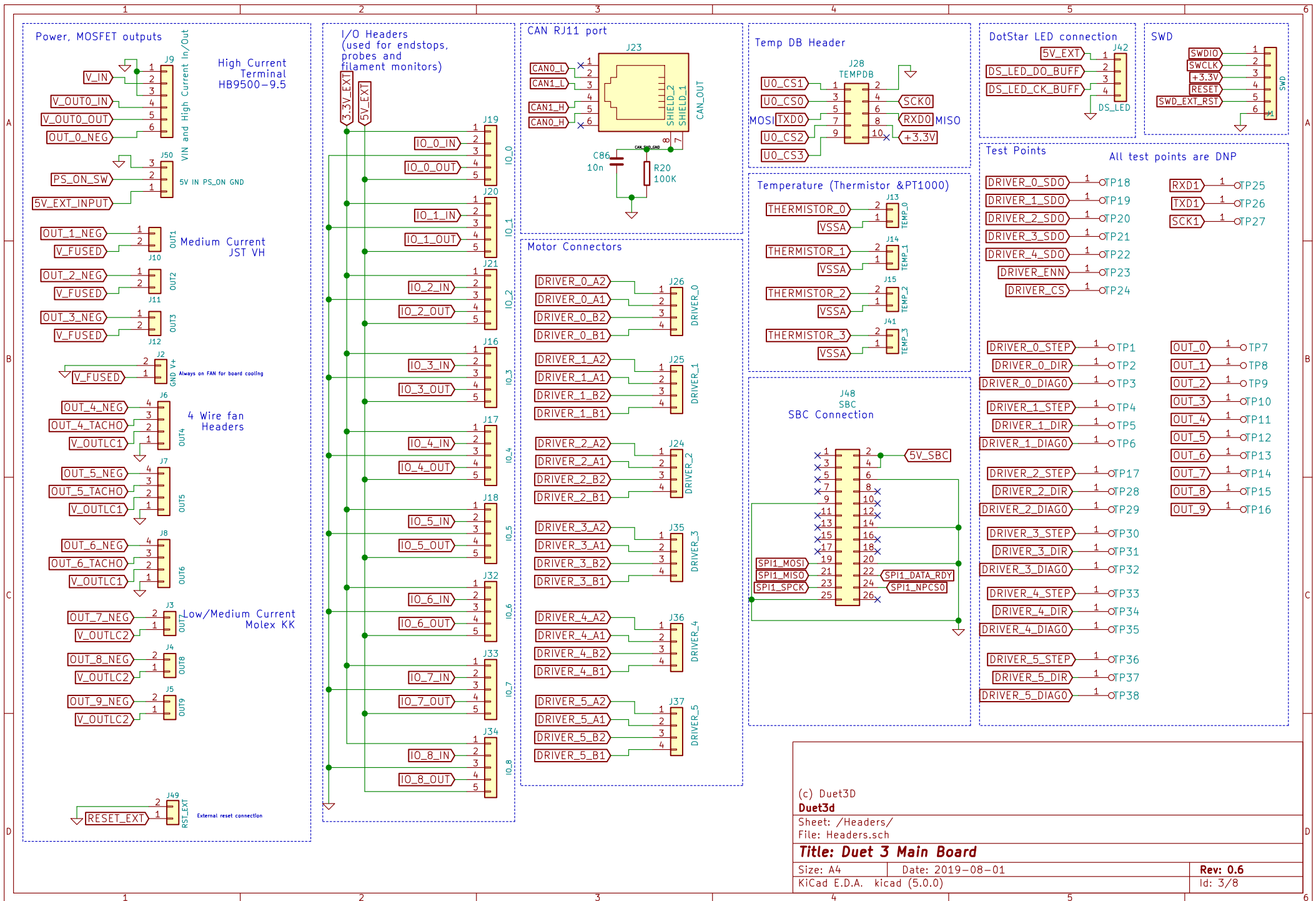
Title: Duet 3 Main Board

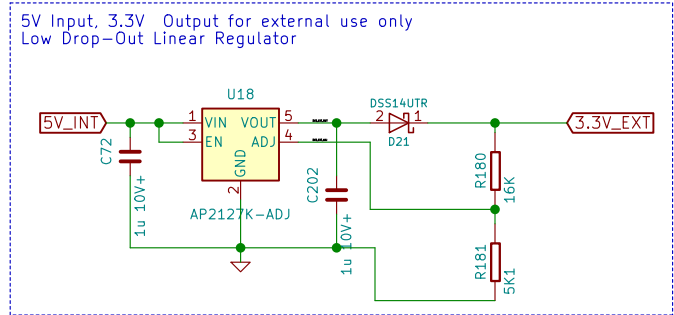
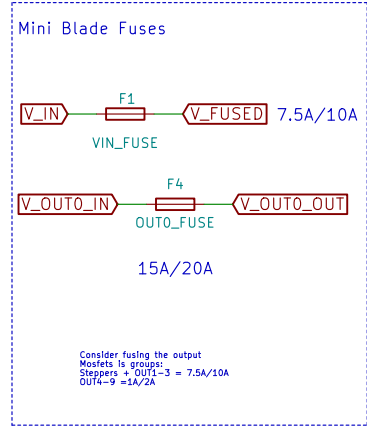
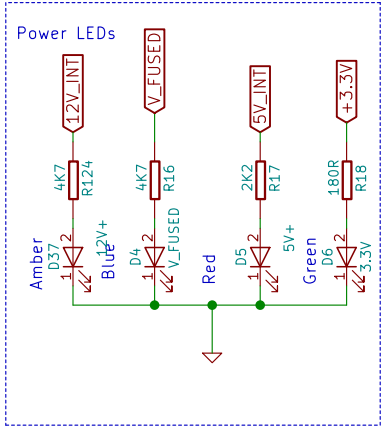
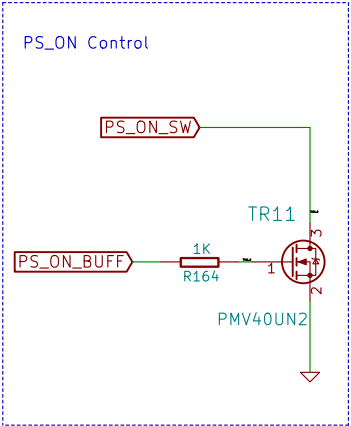
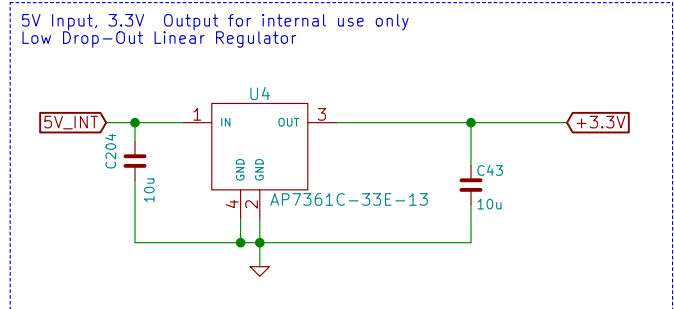
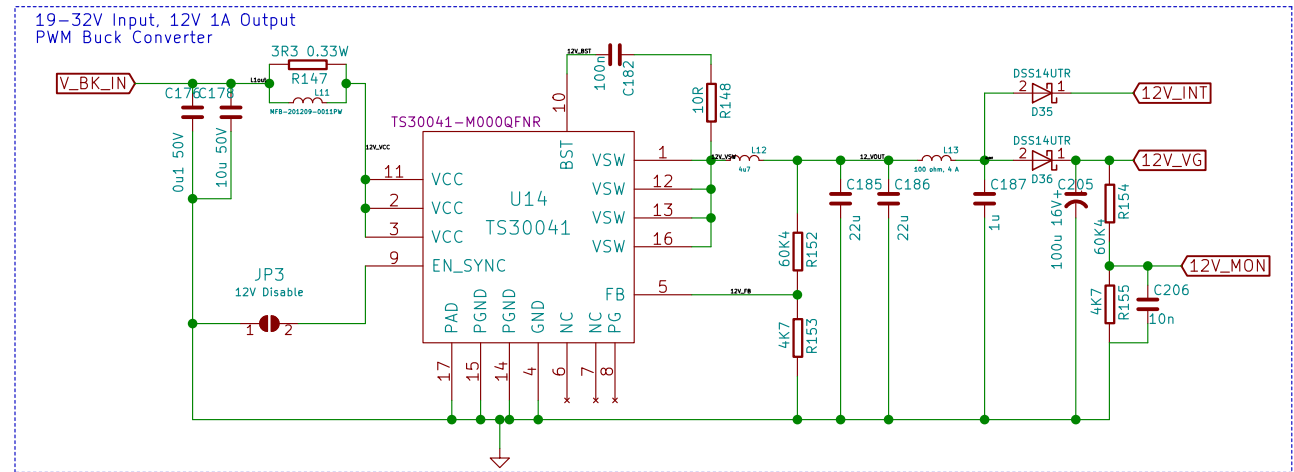
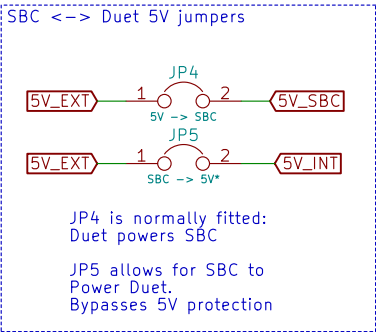
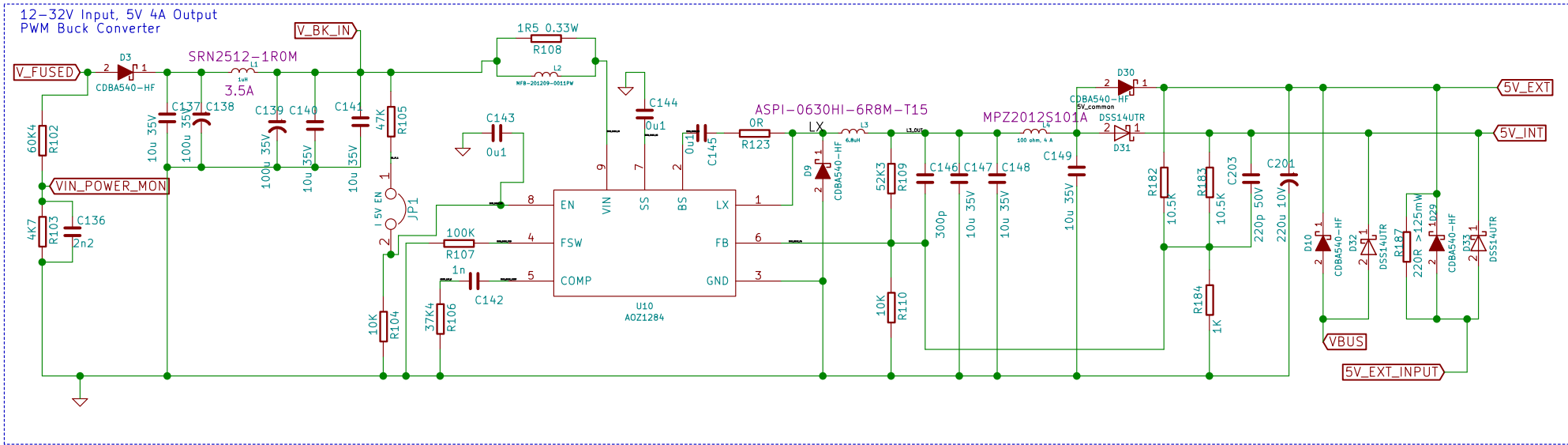
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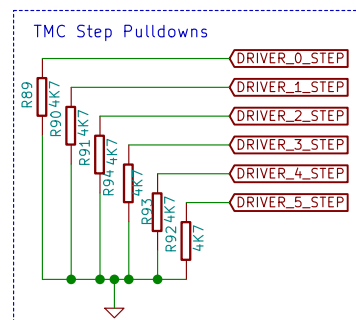
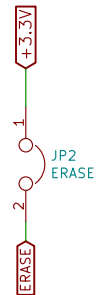
Rev: 0.6

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Id: 2/8



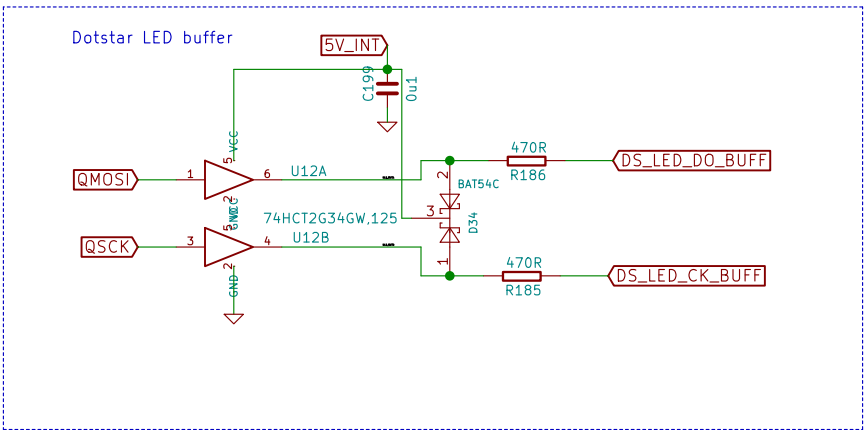
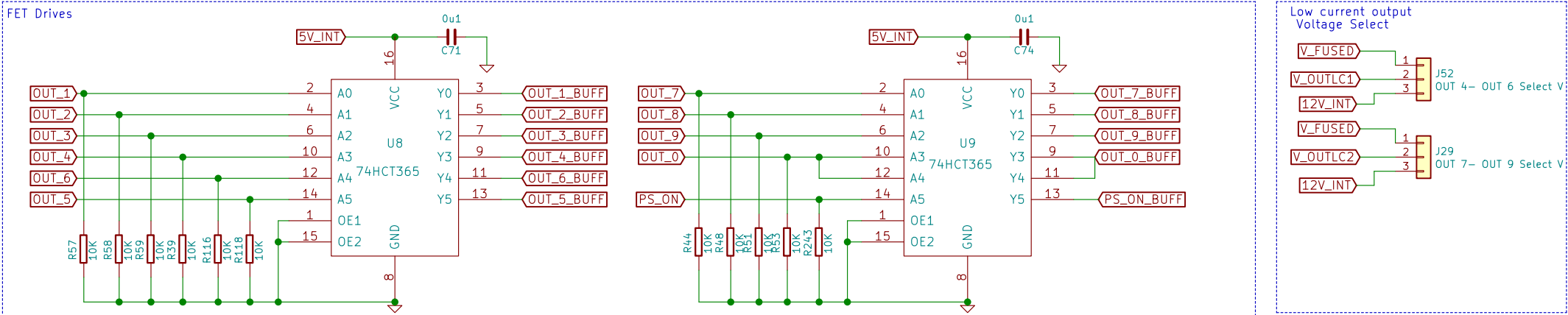
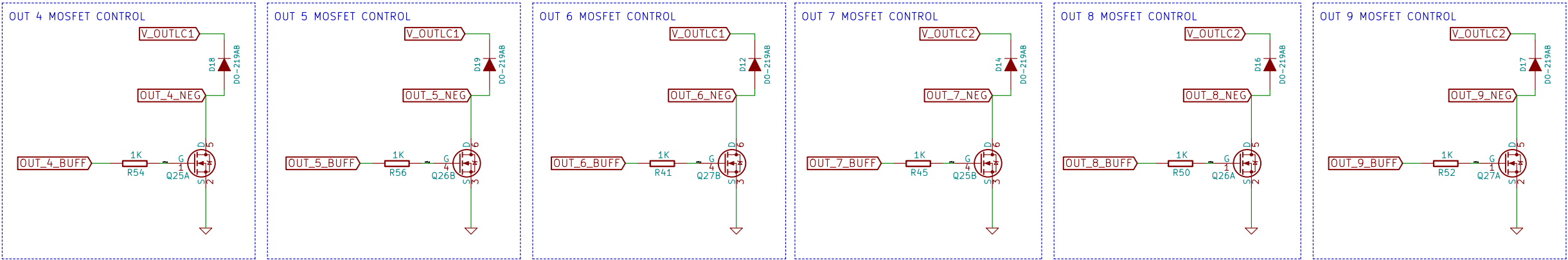
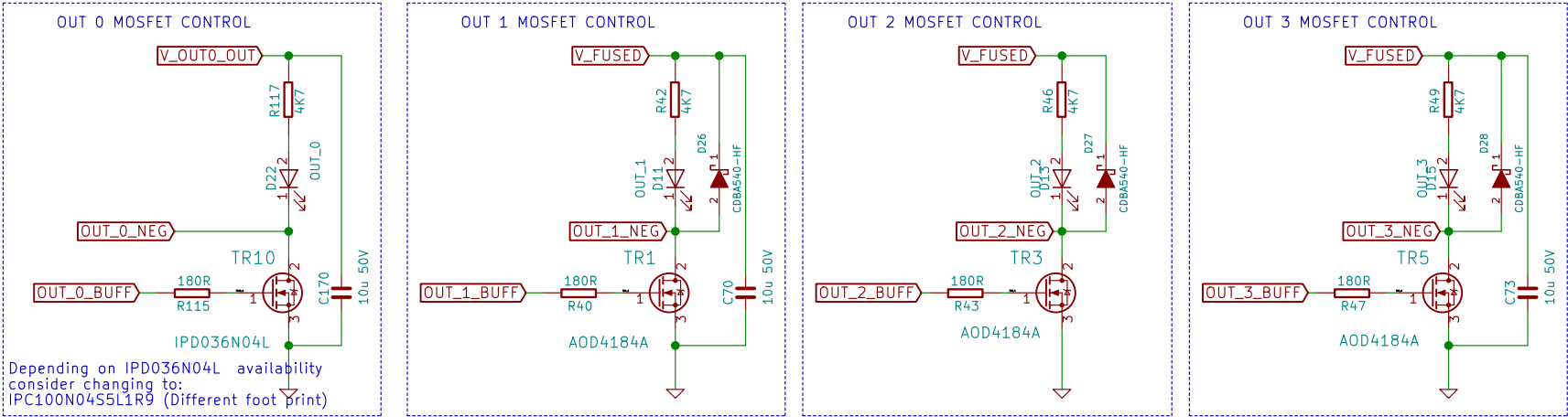




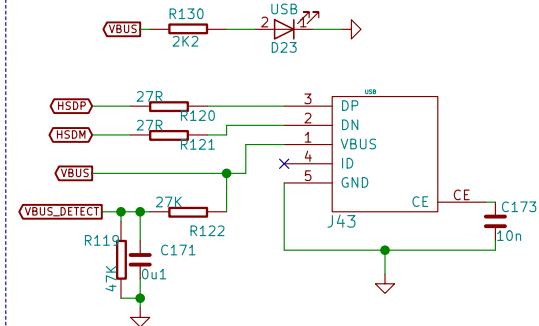
Id: 5/8



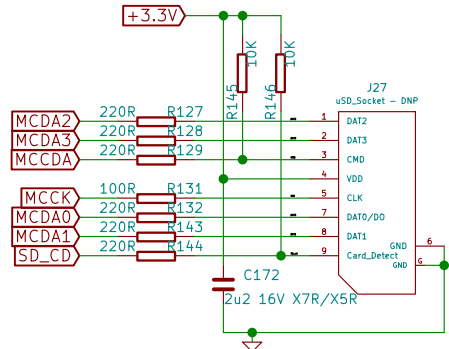
OUT0 – OUT3 – High current MOSFETs



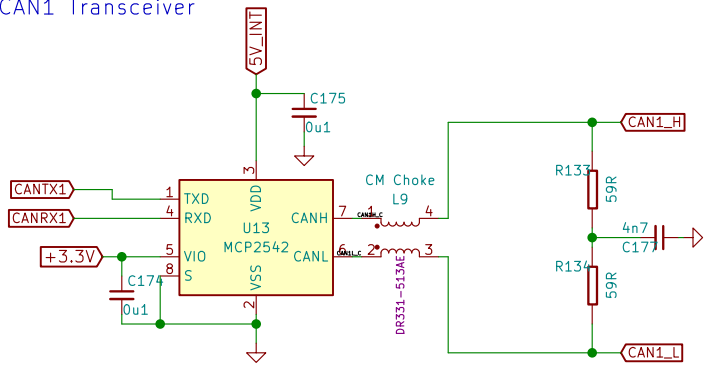
# USB



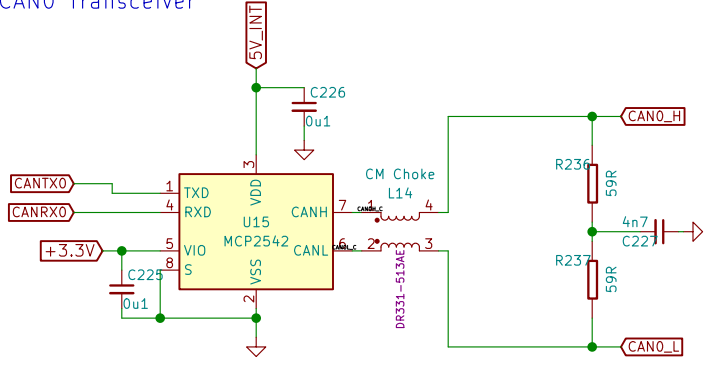
# uSD



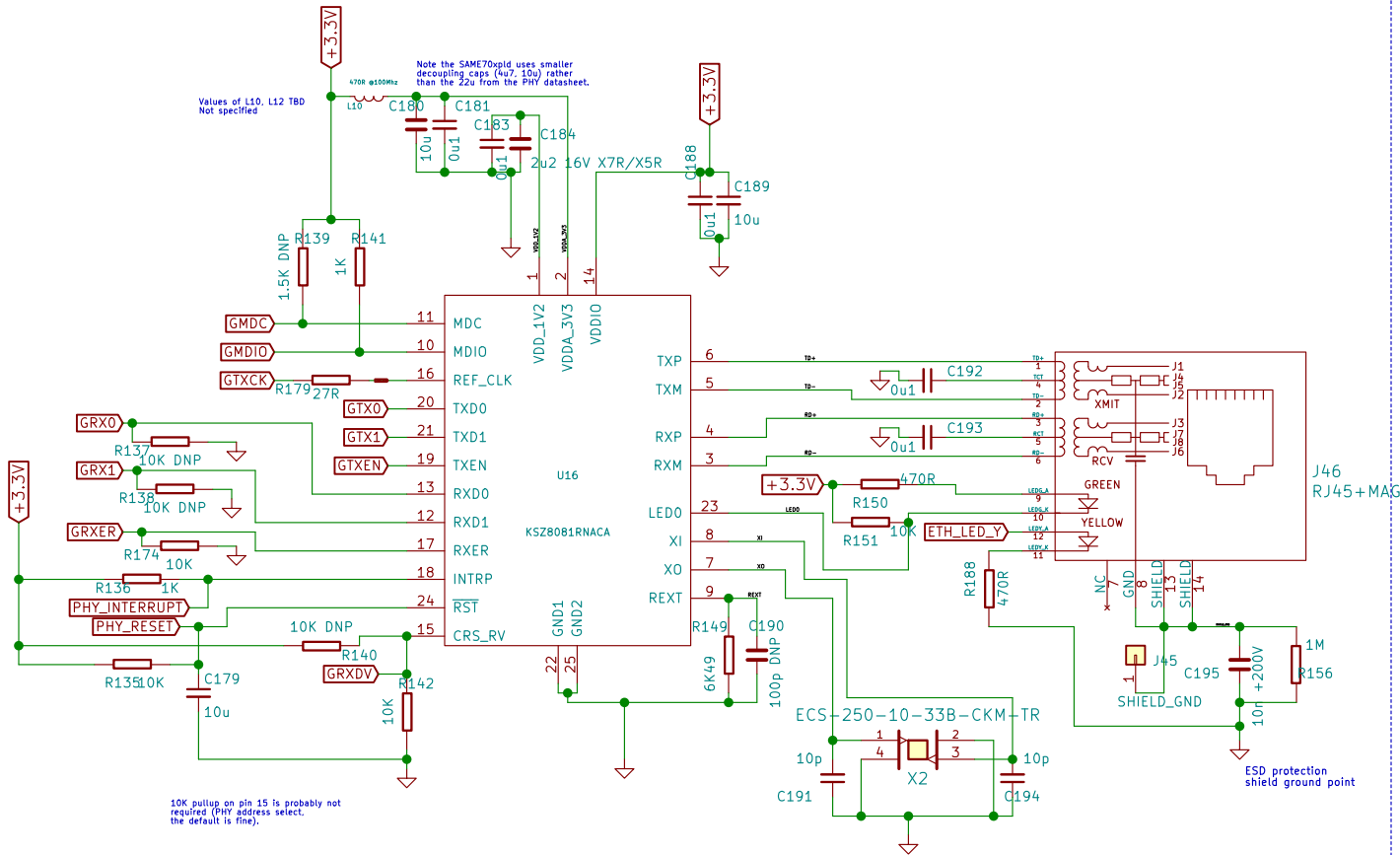
# CAN1 Transceiver



# CAN0 Transceiver



# Ethernet/Ethercat Master



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