

# Duet 5+ Ethernet

Sheet: Processor

Processor

File: Processor.sch  
Sheet: IO

IO

File: io.sch  
Sheet: Power

Power

File: Power.sch

Sheet: Stepper Driver & Endstops

Stepper Drivers

File: Stepper\_Drv.sch  
Sheet: MOSFETs and Buffers

MOSFET outputs  
Buffers/Logic

File: FETsBuffers.sch

Sheet: Headers

Headers

File: Headers.sch  
Sheet: Comms

Comms

File: Comms.sch

(c) Duet3D  
**Duet3D**

Sheet: /  
File: Duet3\_5+\_Ethernet.sch

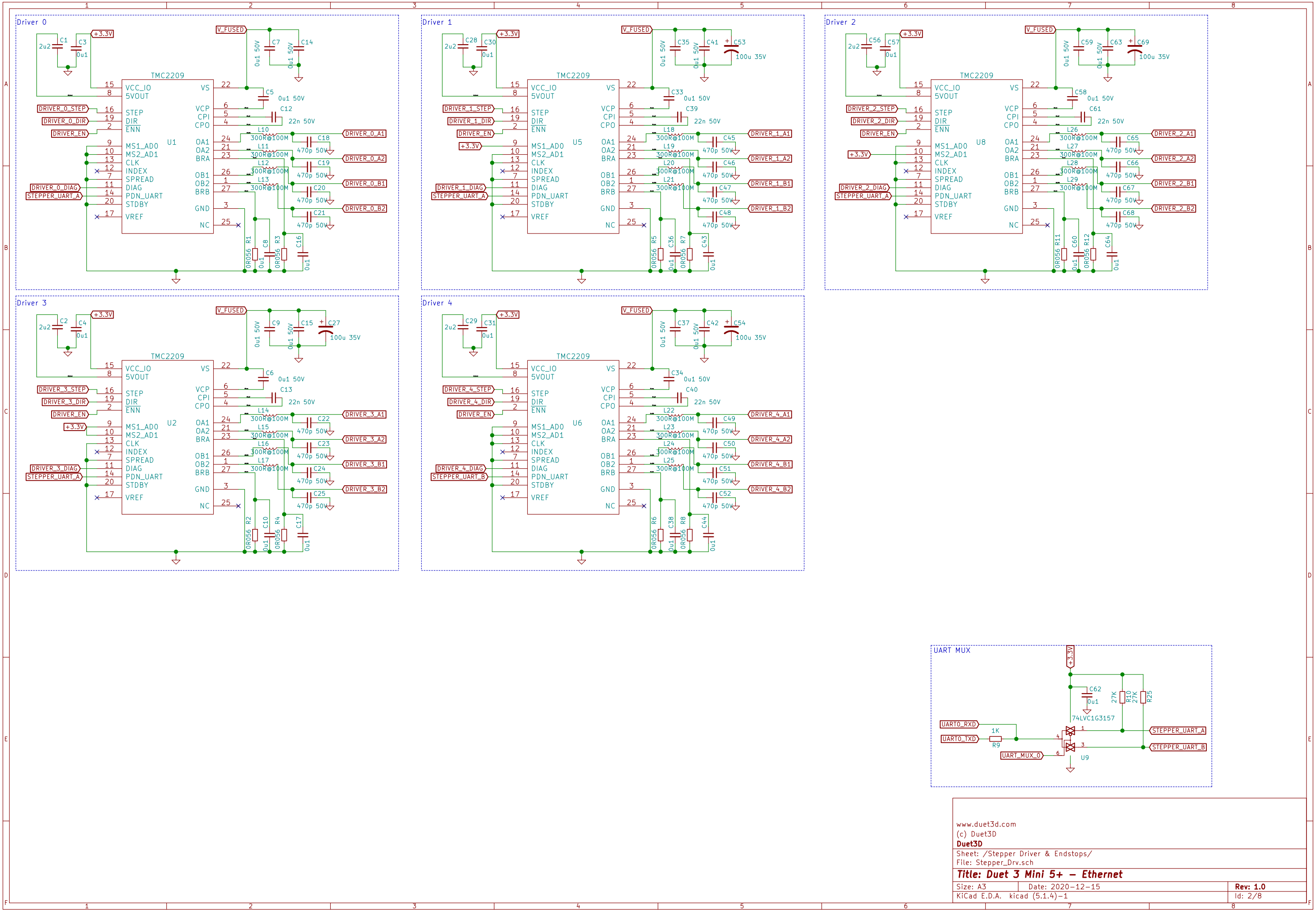
**Title: Duet 3 Mini 5+ – Ethernet**

Size: A4 Date: 2020-12-15

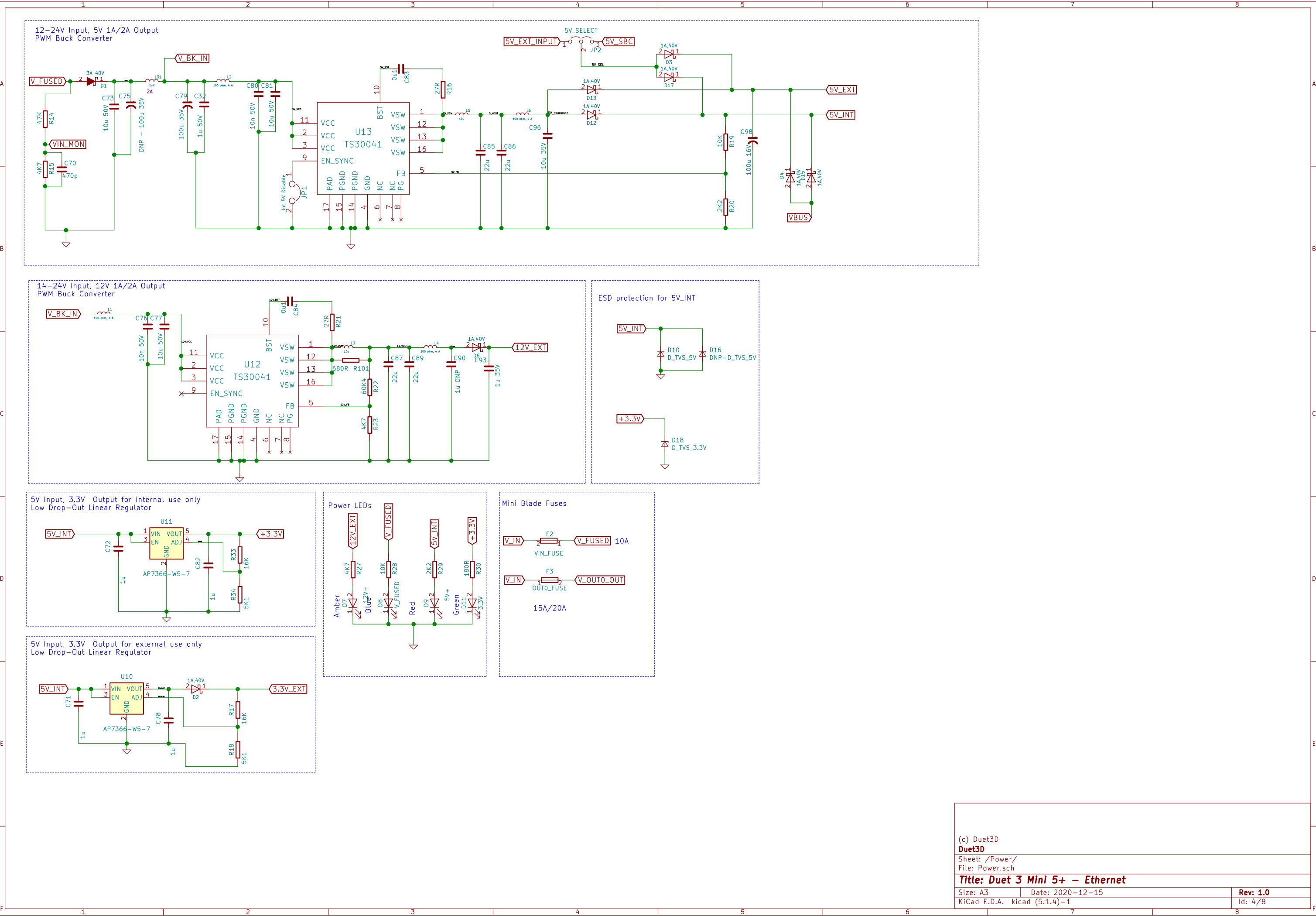
KiCad E.D.A. kicad (5.1.4)-1

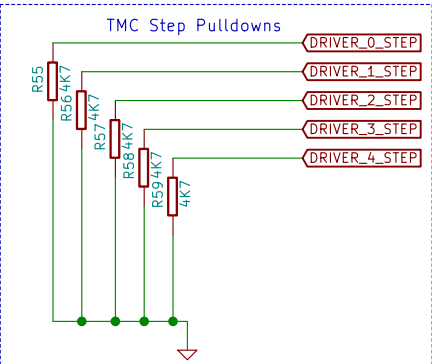
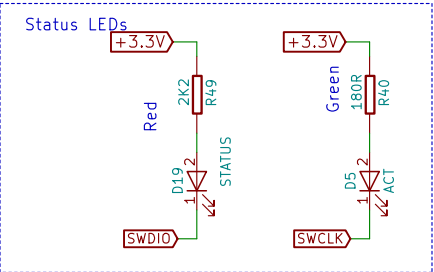
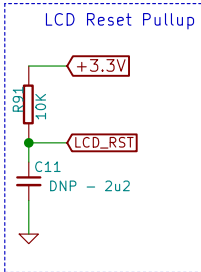
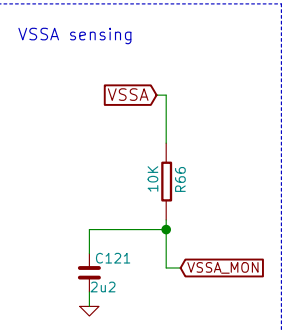
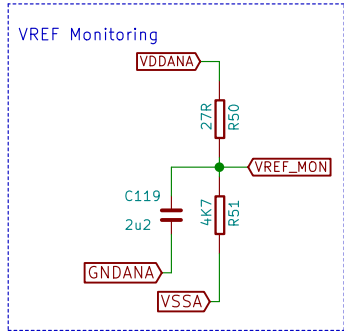
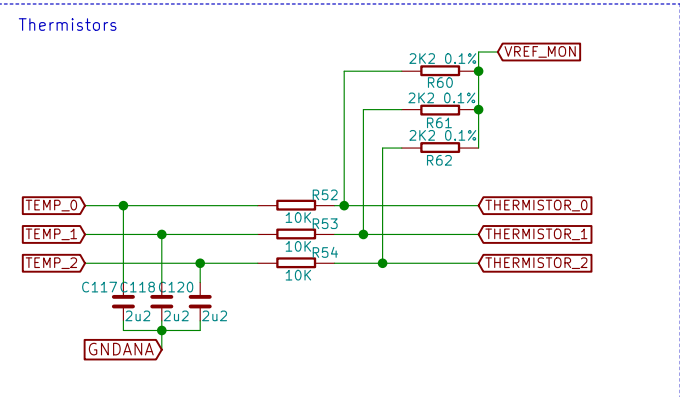
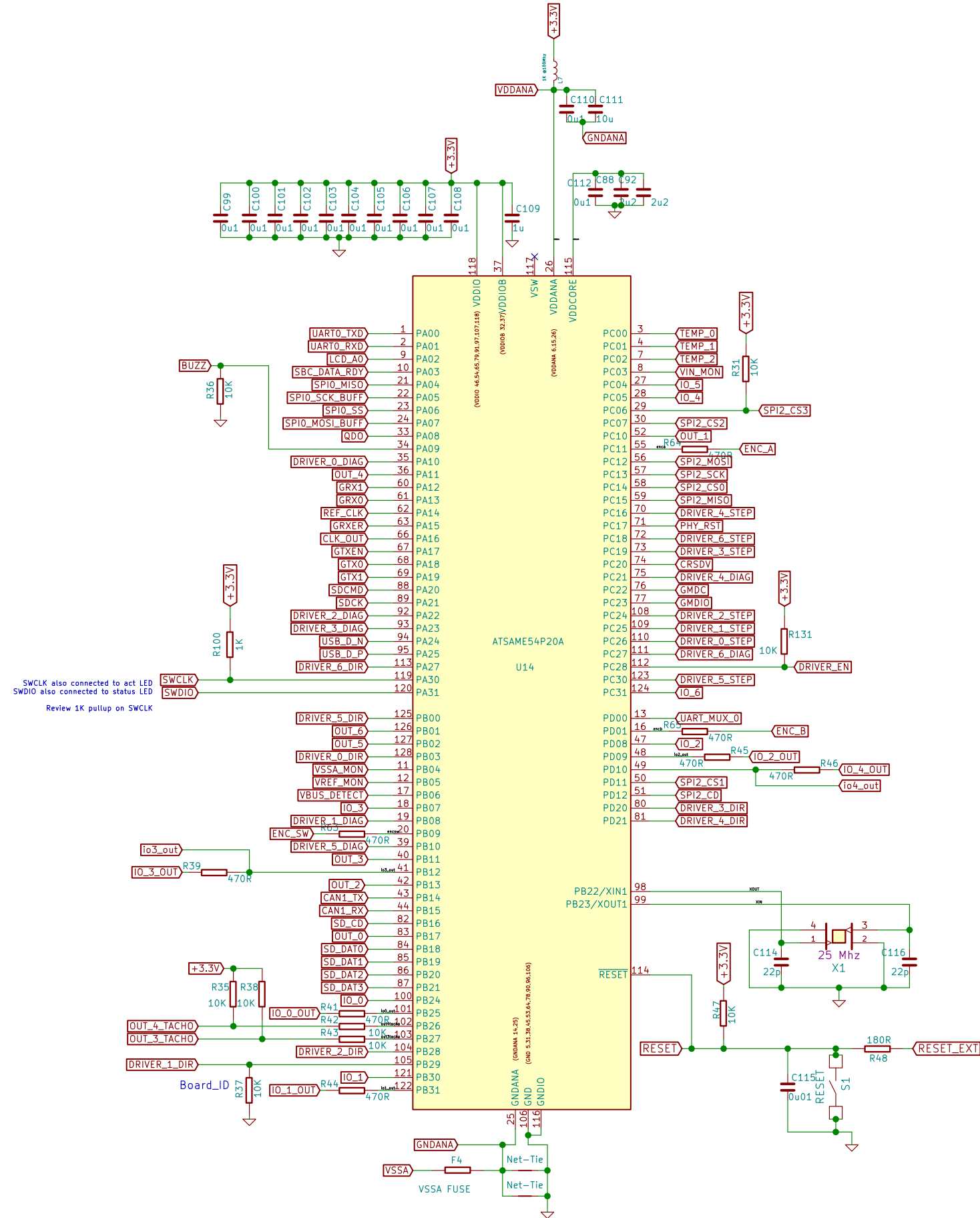
**Rev: 1.0**

Id: 1/8

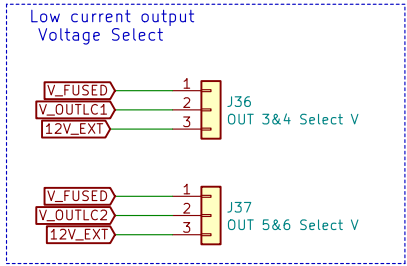
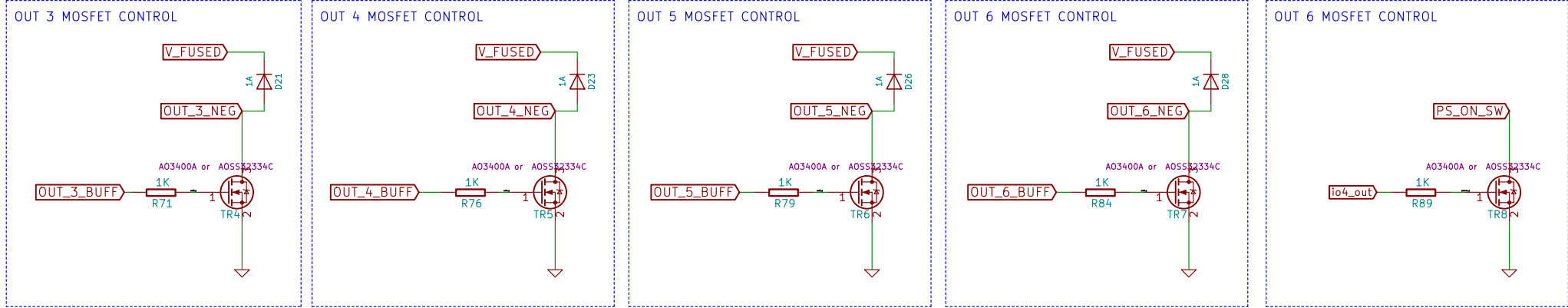
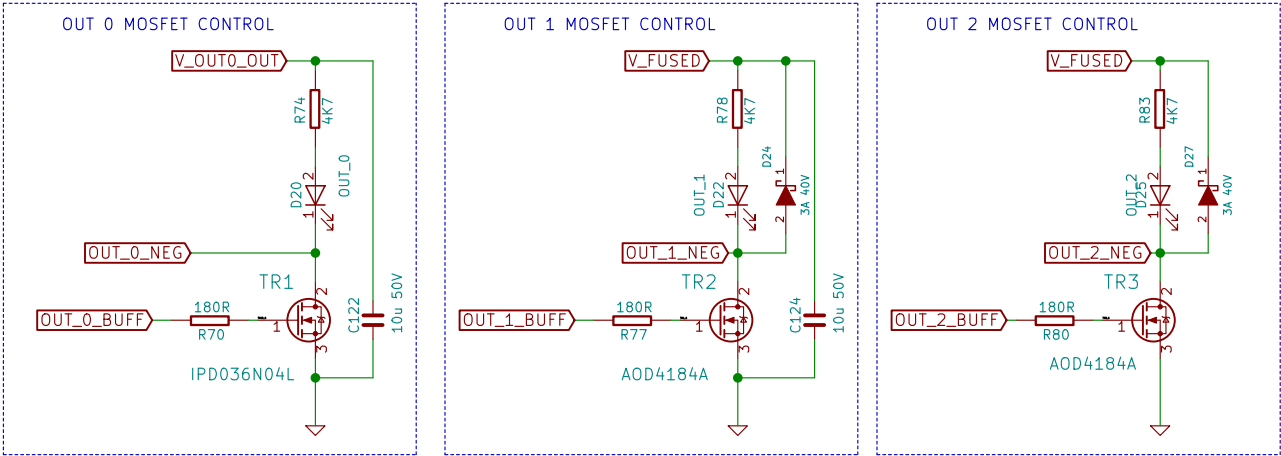




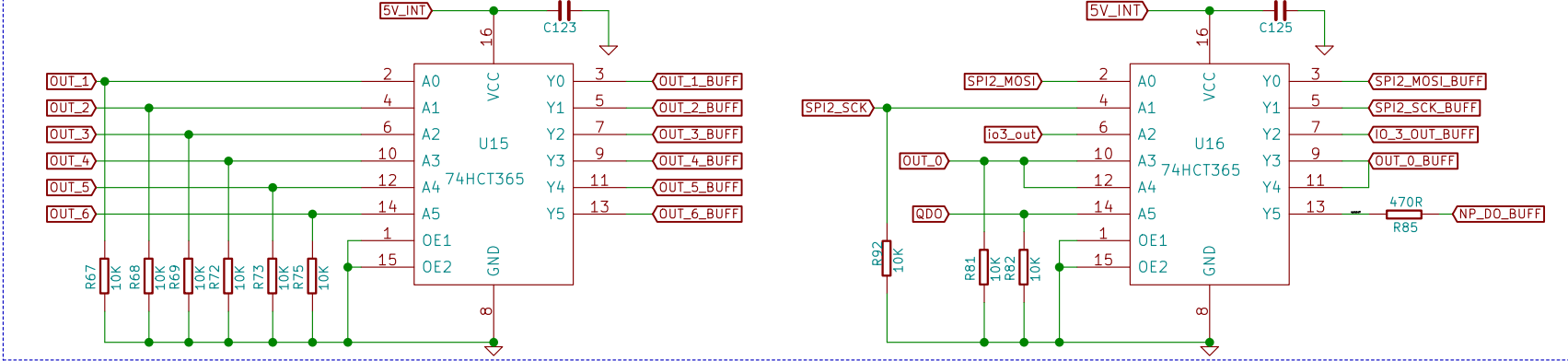




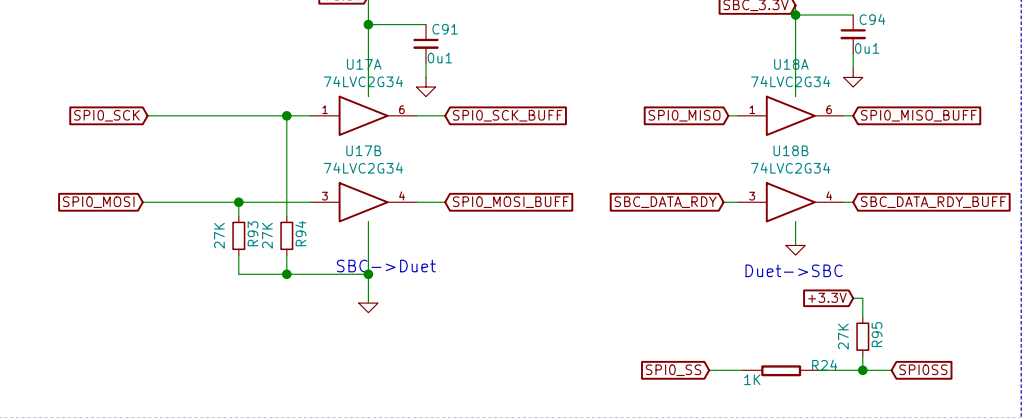
OUT0 – OUT3 – High current MOSFETs



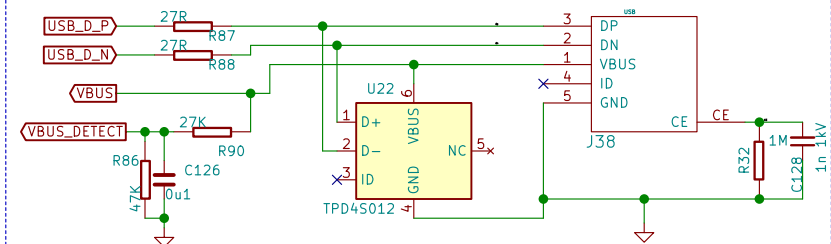
FET Drives



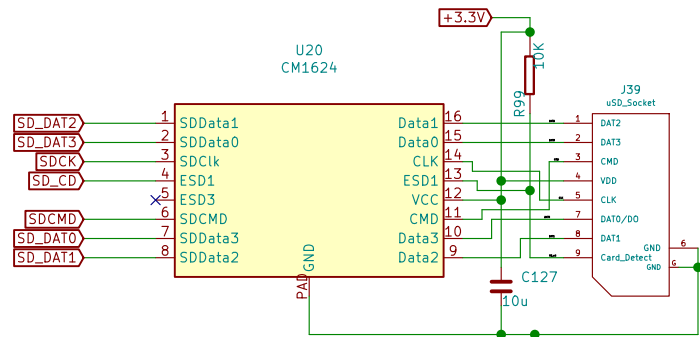
RPI Comms Buffers



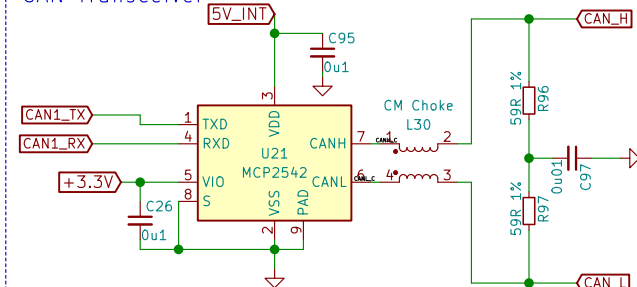
## USB



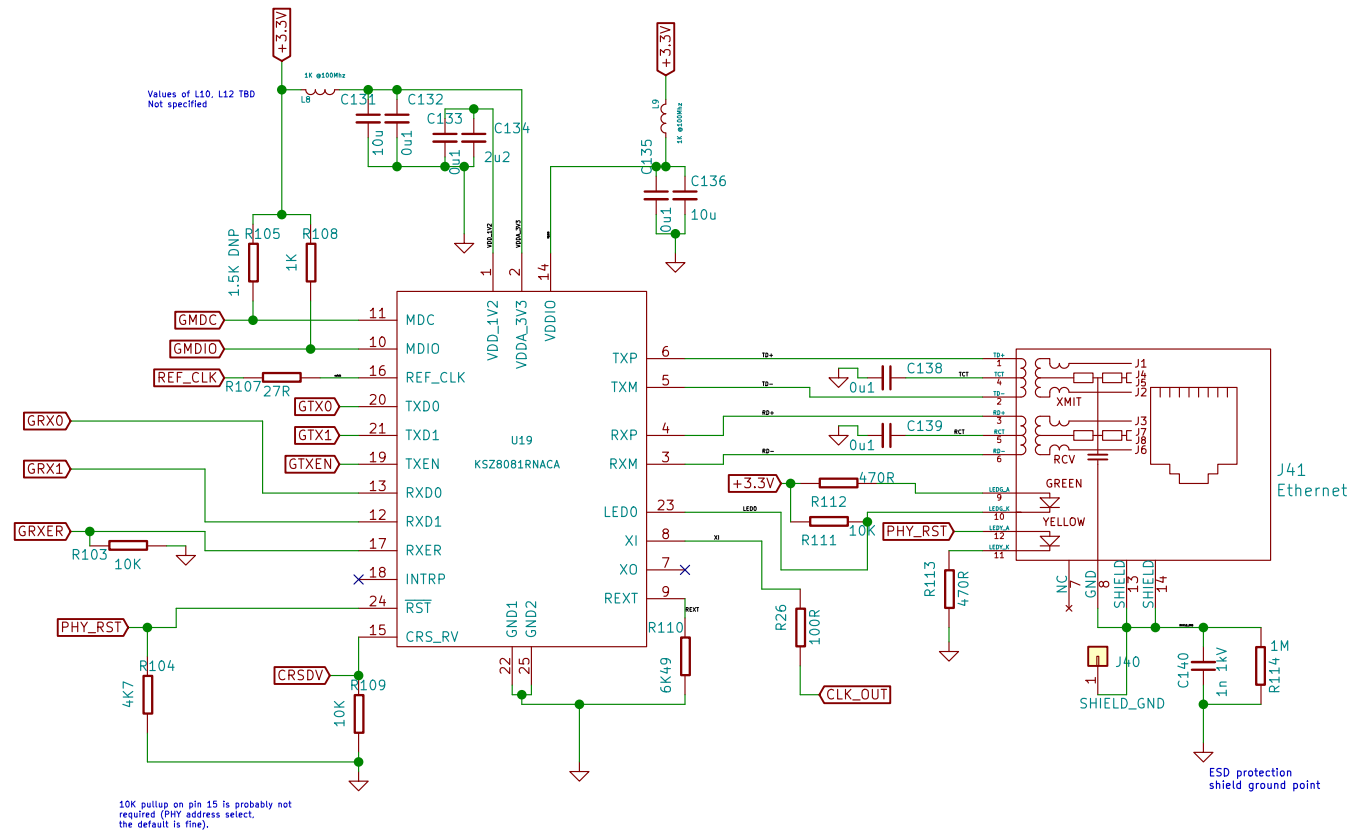
## uSD



## CAN Transceiver



## Ethernet



(c) Duet3D

Duet3D

Sheet: /Comms/

File: Comms.sch

**Title: Duet 3 Mini 5+ – Ethernet**

Size: A3

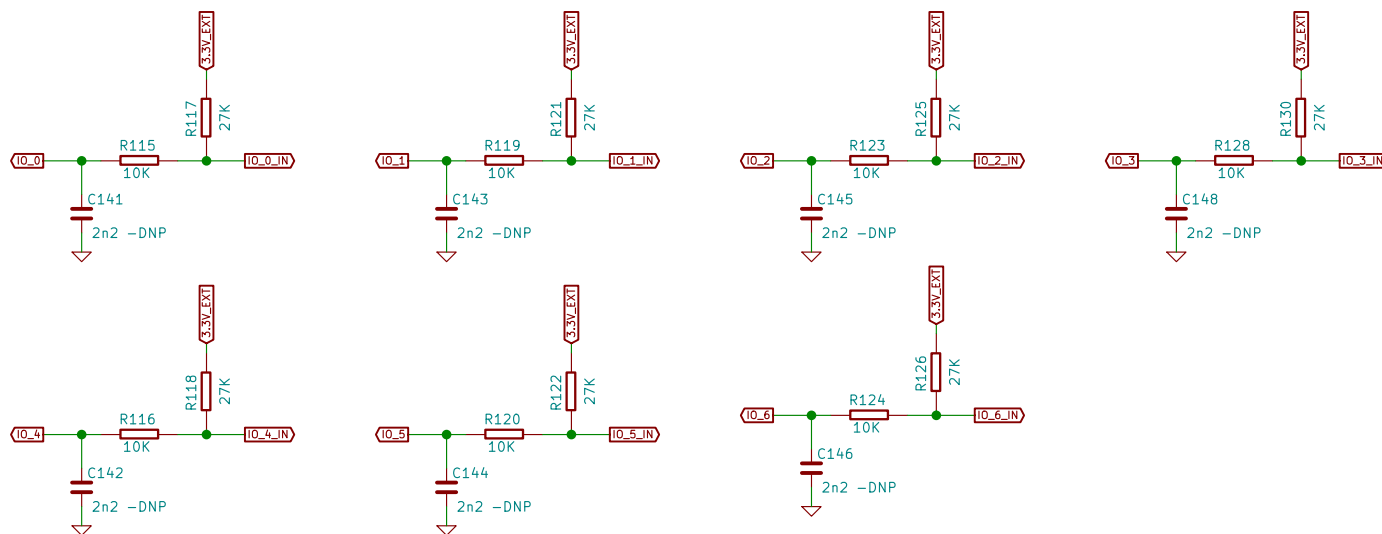
Date: 2020-12-15

Rev: 1.0

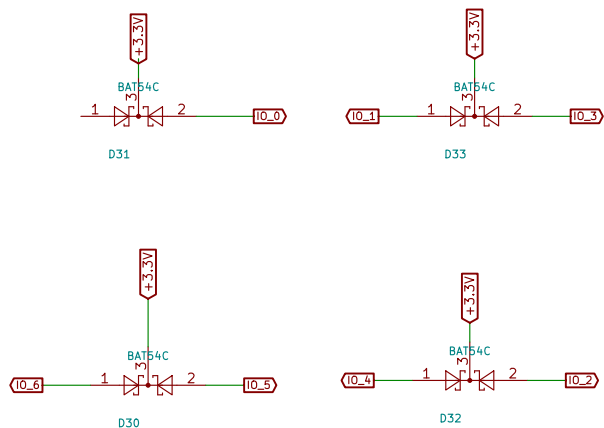
KiCad E.D.A. kicad (5.1.4)–1

Id: 7/8

IO inputs (Used for endstops, probes, filament monitors and other low speed IO)



Input Protection



(c) Duet3D  
Duet3D

Sheet: /IO/  
File: io.sch

**Title: Duet 3 Mini 5+ – Ethernet**

Size: A4 Date: 2020-12-15

KiCad E.D.A. kicad (5.1.4)-1

**Rev: 1.0**

Id: 8/8