

Duet3 Mainboard 6XD

Processor

Processor

File: Processor.kicad\_sch

MOSFET outputs

MOSFET outputs

File: Htr\_Fan.kicad\_sch

Headers

Headers

File: Headers.kicad\_sch

Stepper Driver & Endstops

Stepper Signals

File: Stepper\_Drv.kicad\_sch

Comms

Comms

File: Comms.kicad\_sch

I/O

I/O

File: Endstops.kicad\_sch

Power

Power

File: Power.kicad\_sch

(c) Duet3D  
Duet3d

Sheet: /  
File: Duet3\_MB\_6XD.kicad\_sch

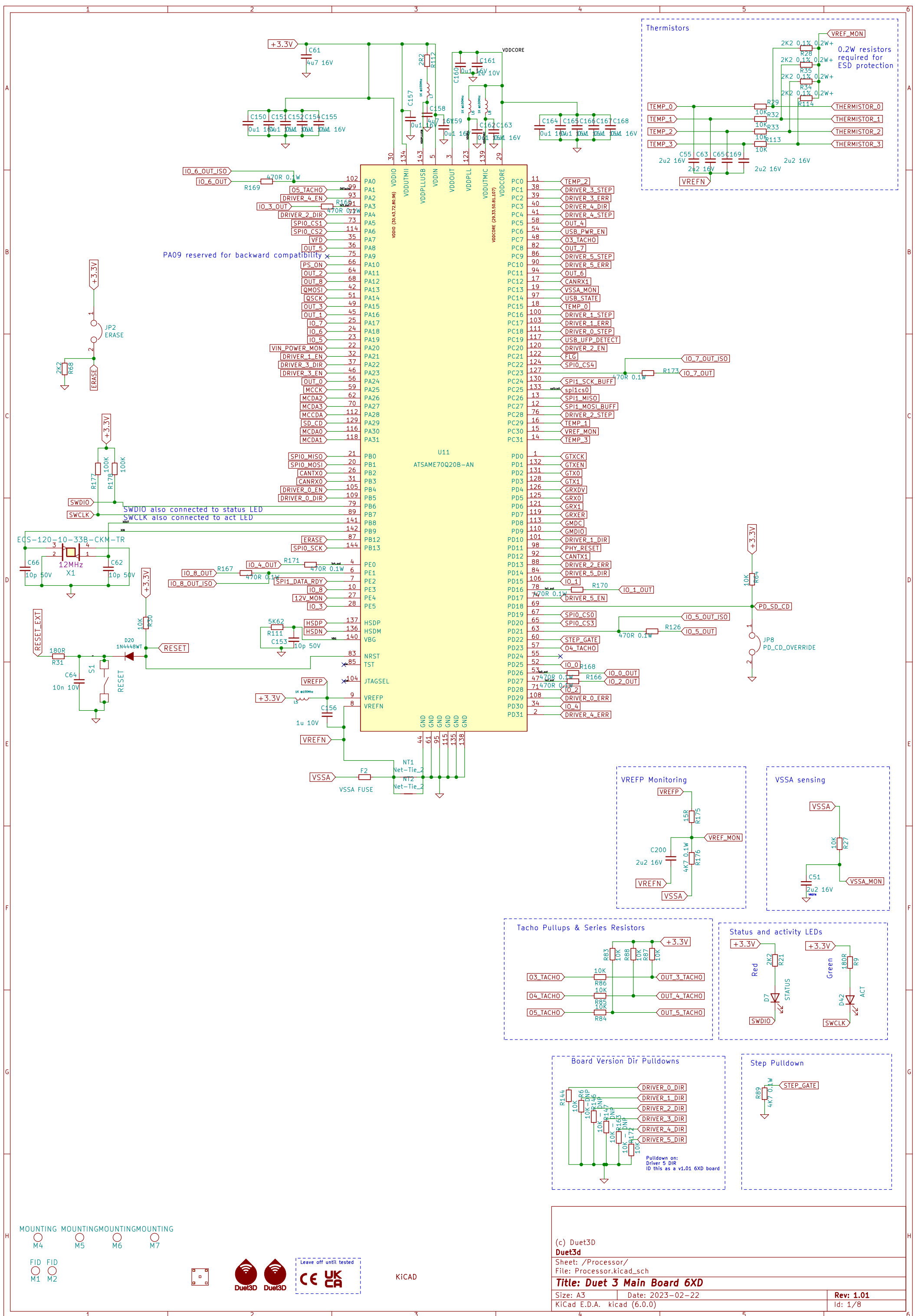
Title: Duet 3 Main Board 6XD

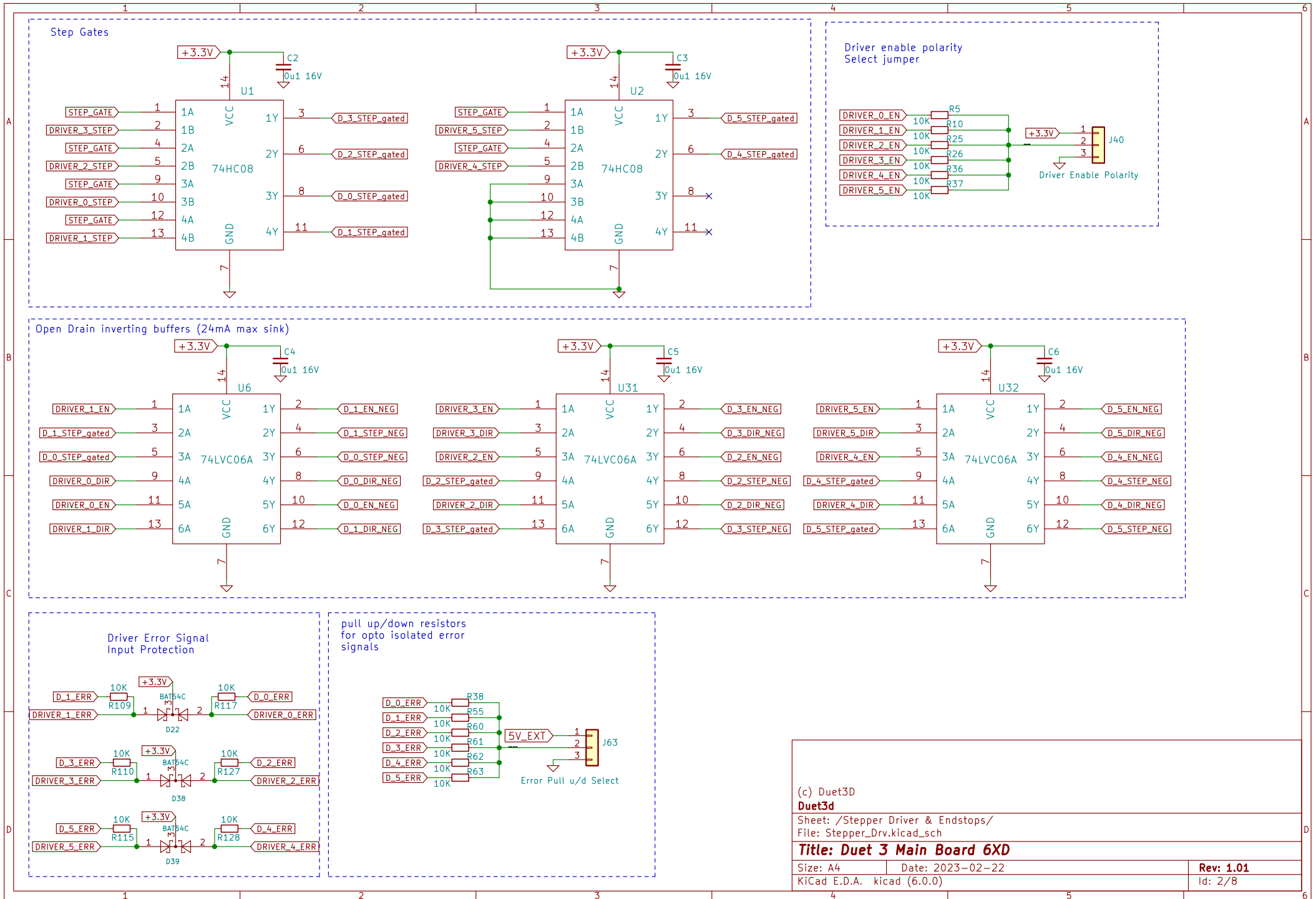
Size: A4 Date: 2023-02-22

KiCad E.D.A. kicad (6.0.0)

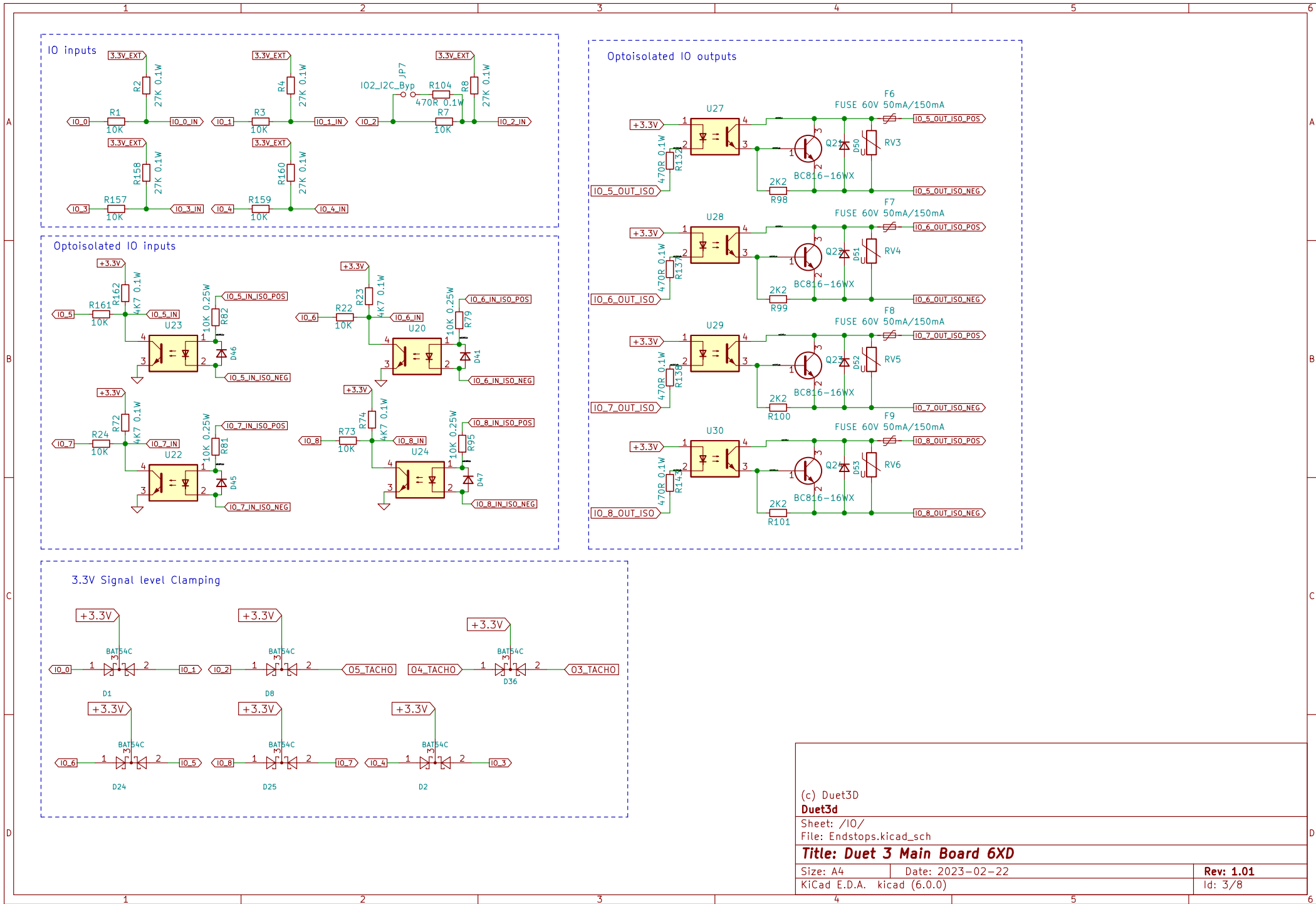
Rev: 1.01

Id: 0/8



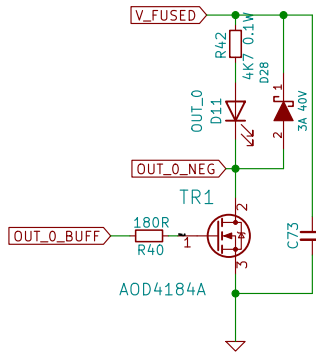


(c) Duet3D		
<b>Duet3d</b>		
Sheet: /Stepper Driver & Endstops/ File: Stepper_Drv.kicad_sch		
<b>Title: Duet 3 Main Board 6XD</b>		
Size: A4	Date: 2023-02-22	Rev: 1.01
KiCad E.D.A. kicad (6.0.0)		Id: 2/8

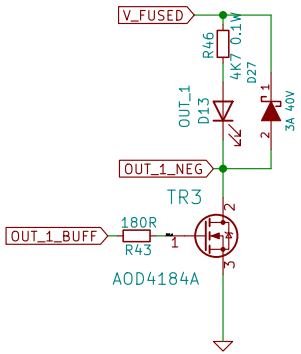


OUT1 – OUT2 – High current MOSFETs

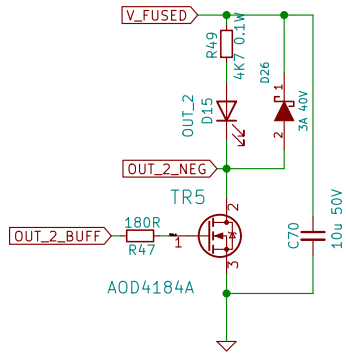
OUT 0 MOSFET CONTROL



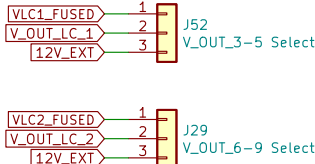
OUT 1 MOSFET CONTROL



OUT 2 MOSFET CONTROL

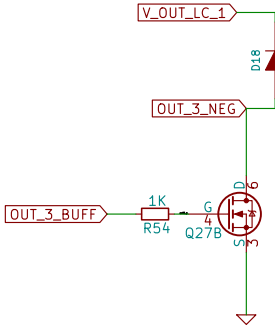


Low current output  
Voltage Select

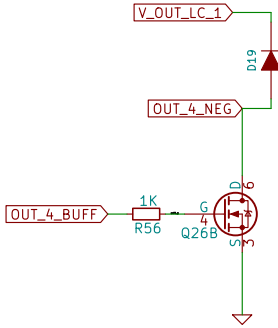


OUT3 – OUT9 – Medium current MOSFETs

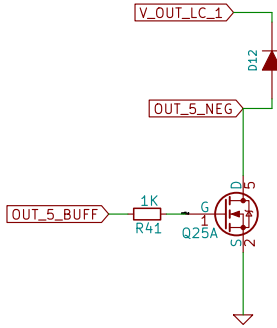
OUT 3 MOSFET CONTROL



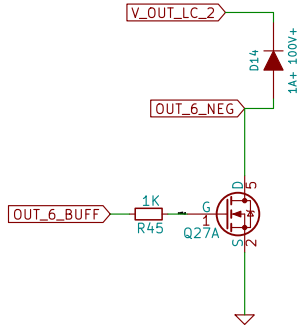
OUT 4 MOSFET CONTROL



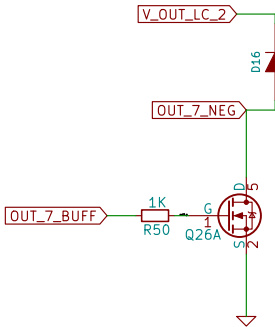
OUT 5 MOSFET CONTROL



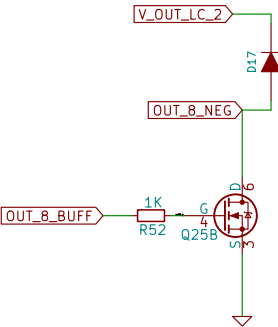
OUT 6 MOSFET CONTROL



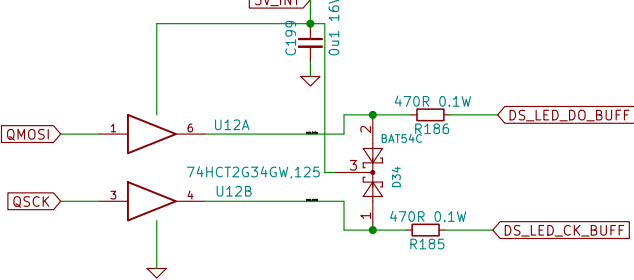
OUT 7 MOSFET CONTROL



OUT 8 MOSFET CONTROL



Dotstar LED buffer



FET Drives

