

Duet3 ToolBoard 1LC  
1 TMC 2209

Sheet: Processor

Processor

File: Processor.sch

Sheet: Stepper Driver & Endstops

Stepper  
IO  
FETs  
Comms

File: Stepper\_Drv.sch

Sheet: Headers

Headers & Power

File: Headers.sch

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Sheet: /  
File: Duet3\_TB\_1LC.sch

**Title: Duet 3 – Tool Board – 1LC**

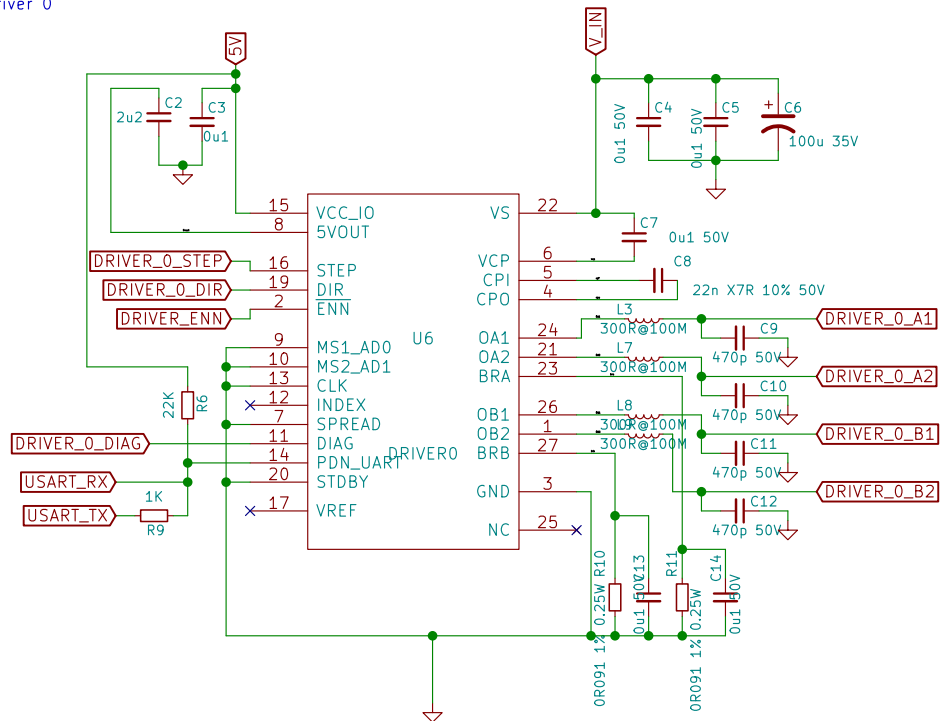
Size: A4 Date: 2021-06-14

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

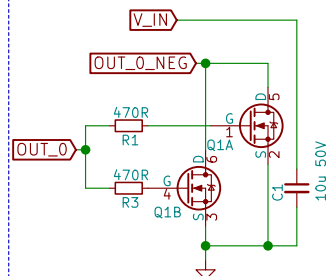
**Rev: 1.2**

Id: 1/4

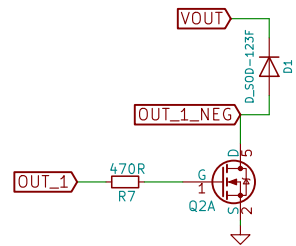
## Driver 0



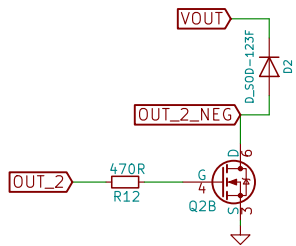
## OUT 0 MOSFET CONTROL



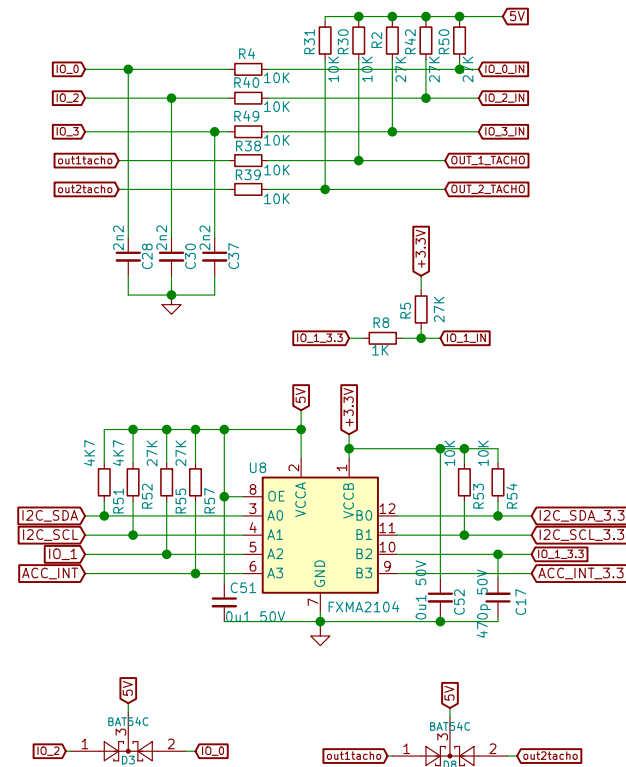
## OUT 1



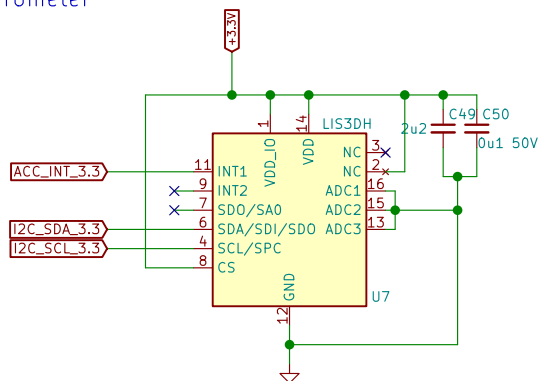
## OUT 2



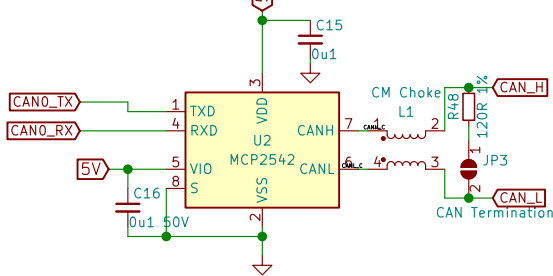
## Input protection and level shifting



## Accelerometer



## CAN Transceiver



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Sheet: /Stepper Driver & Endstops/

File: Stepper\_Drv.sch

**Title: Duet 3 – Tool Board – 1LC**

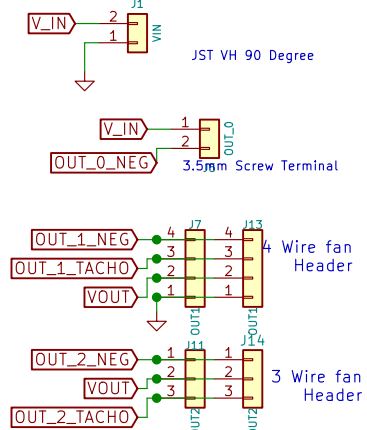
Size: A4 Date: 2021-06-14

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

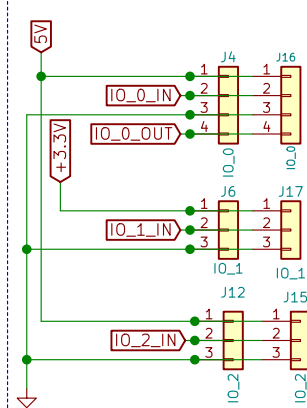
Rev: 1.2

Id: 2/4

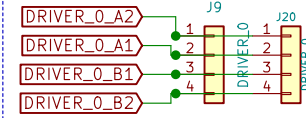
# Power, MOSFET outputs



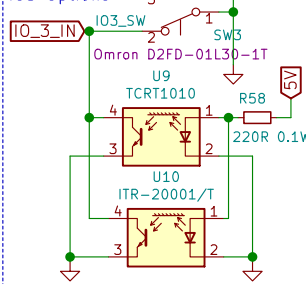
# IO



# Motor Connector - JST PA



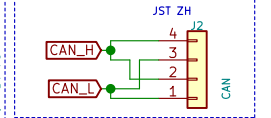
# IO3 Options



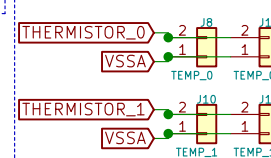
# SWD SMT Pads



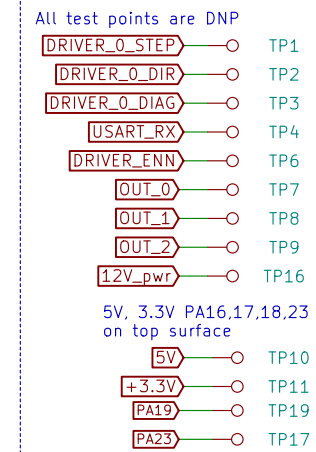
# CAN



# Temperature



# Test Points



# 24-36V Input, 12V 2A Output PWM Buck Converter

