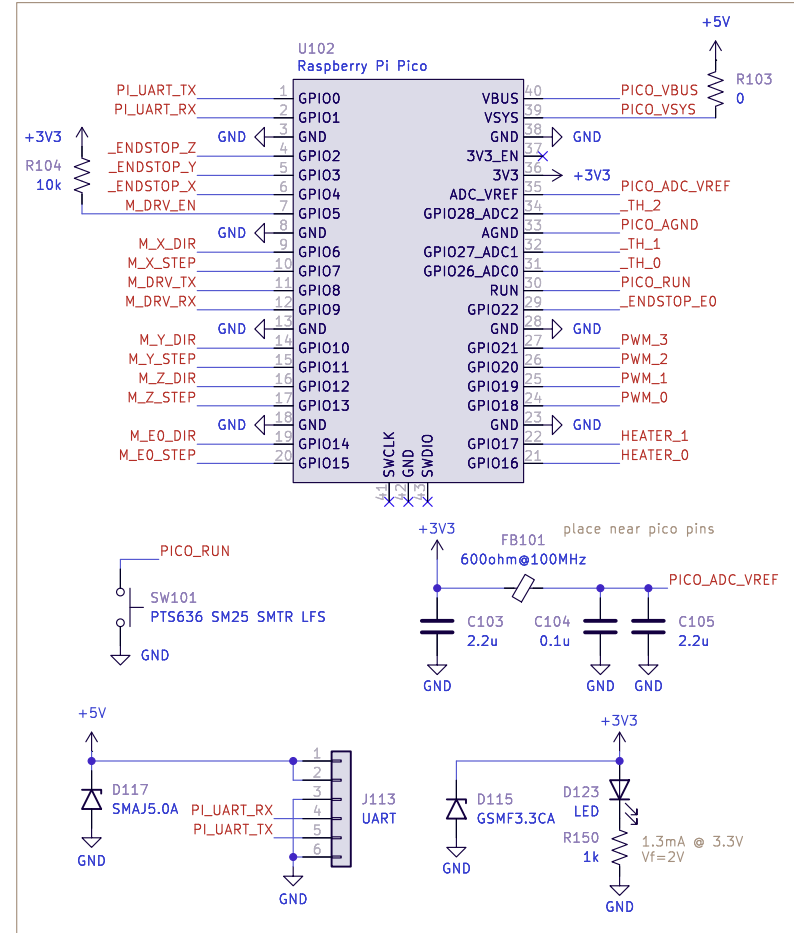
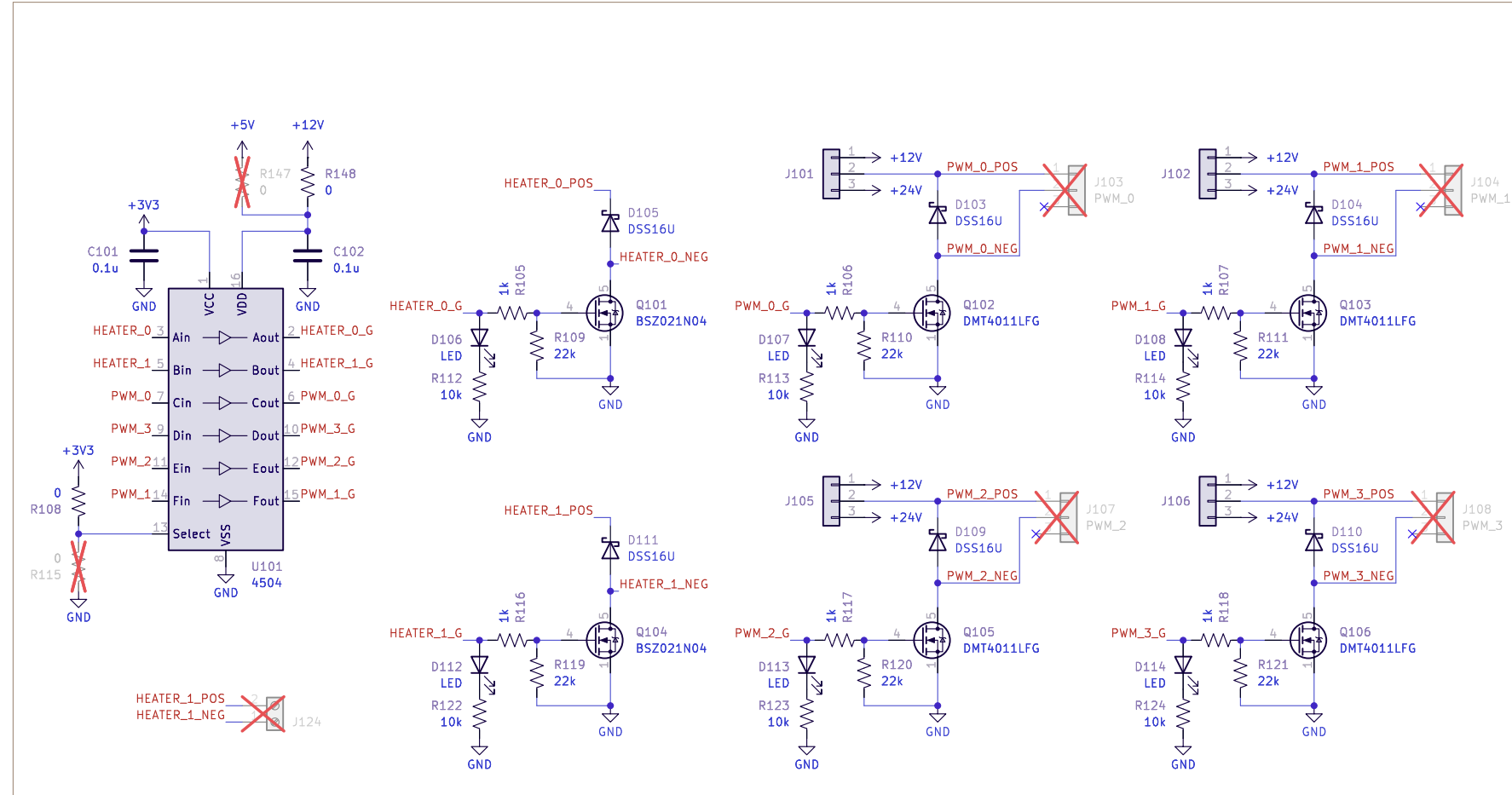


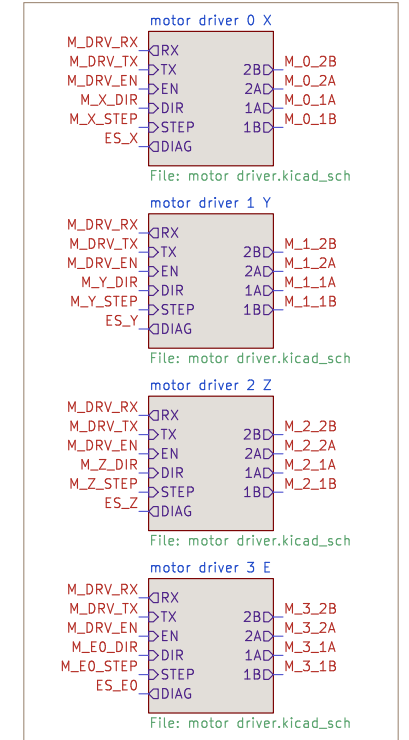
pi pico



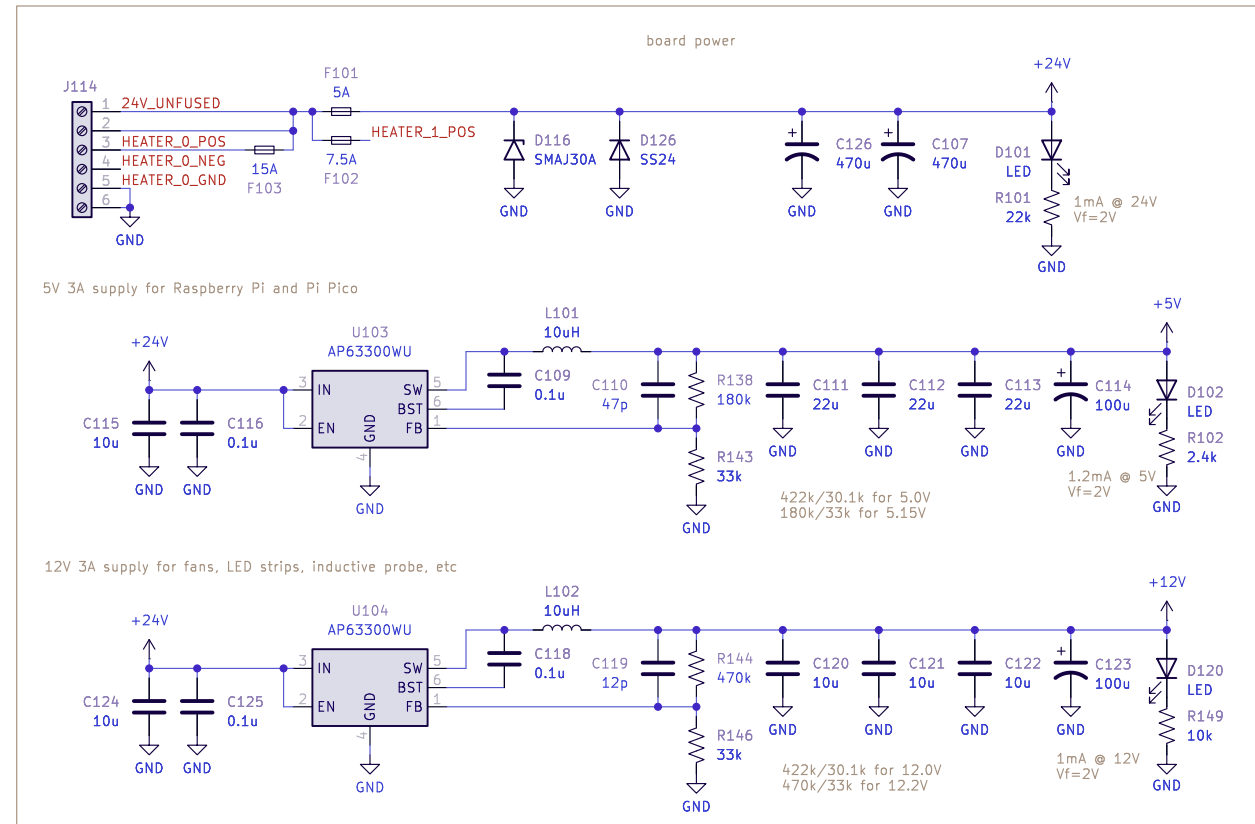
PWM output drivers



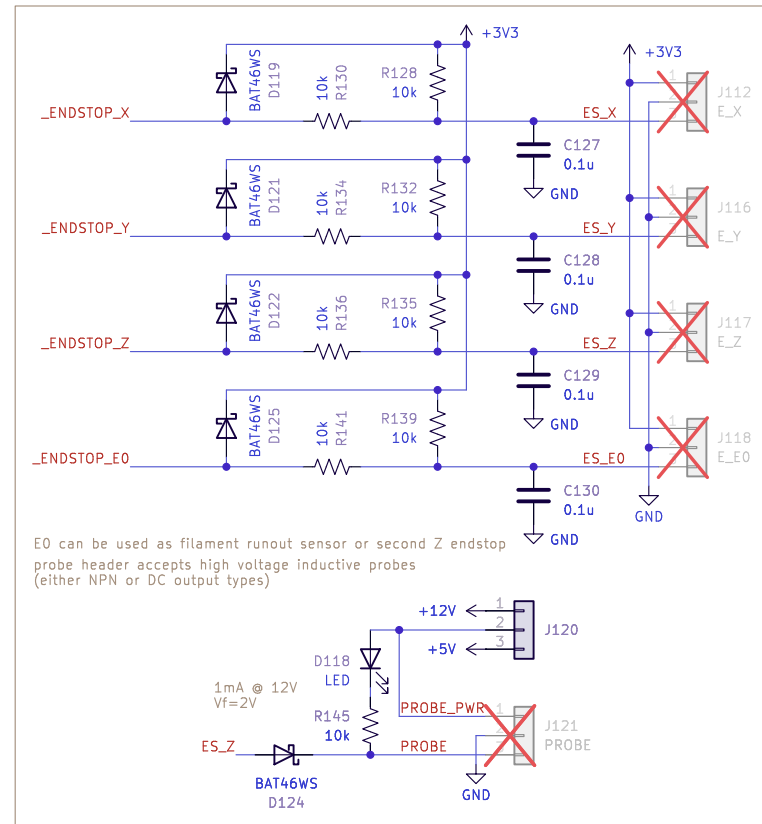
motor drivers



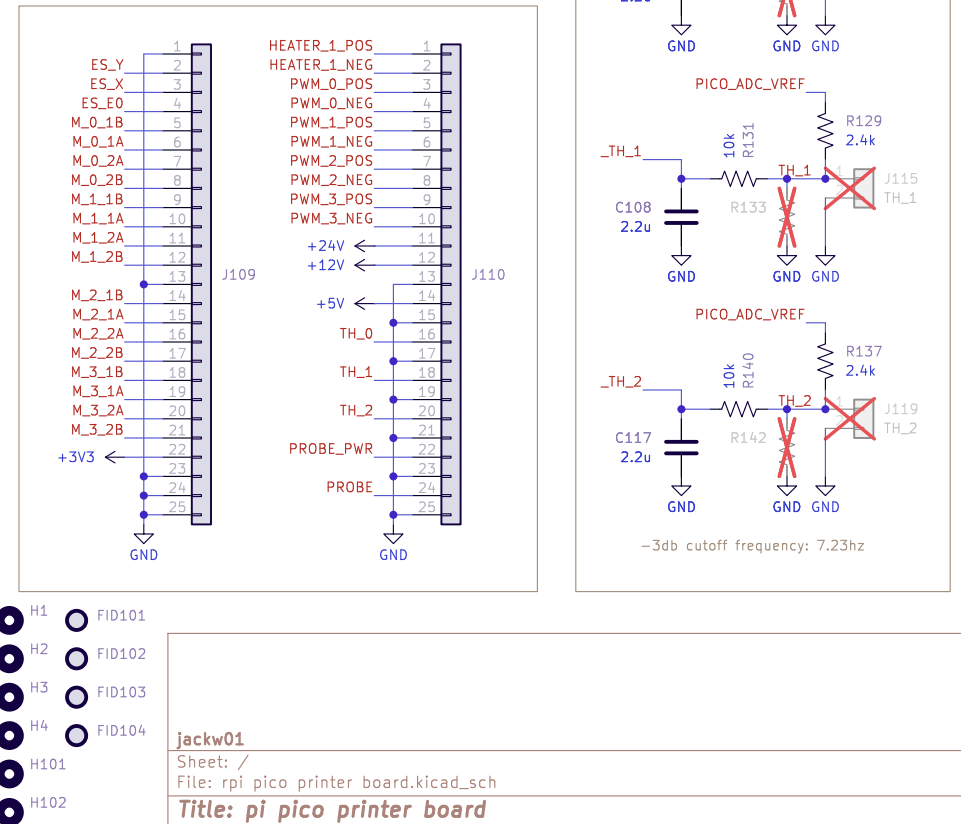
power supply



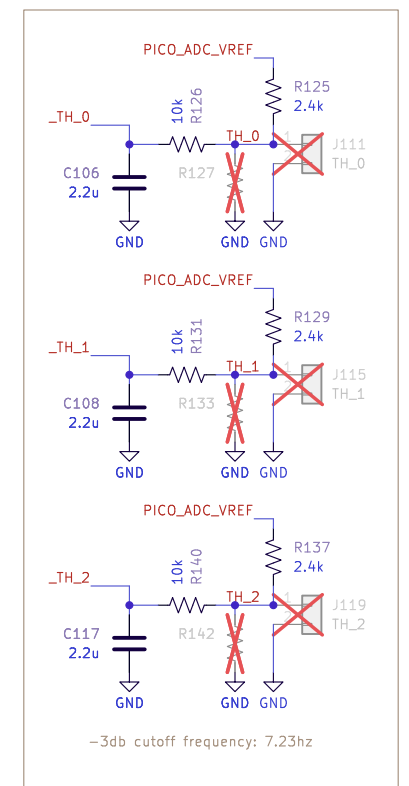
endstops and Z probe



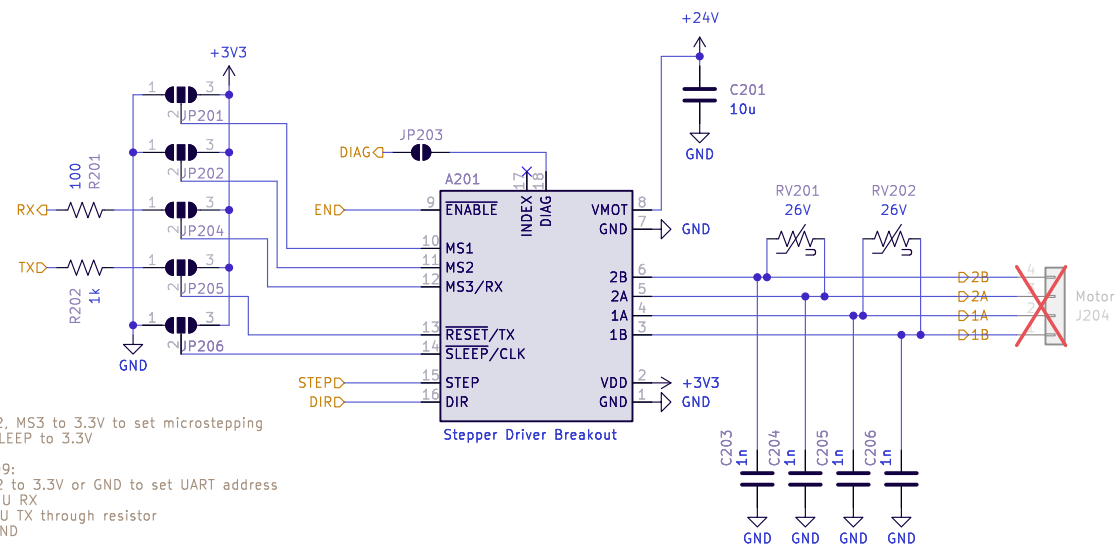
terminal blocks



thermistors



- H1 ○ FID101
- H2 ○ FID102
- H3 ○ FID103
- H4 ○ FID104
- H101
- H102
- H103



for A4988:
 MS1, MS2, MS3 to 3.3V to set microstepping
 RESET, SLEEP to 3.3V

for TMC2209:
 MS1, MS2 to 3.3V or GND to set UART address
 RX to MCU RX
 TX to MCU TX through resistor
 CLK to GND

driver protection per TMC2209 datasheet

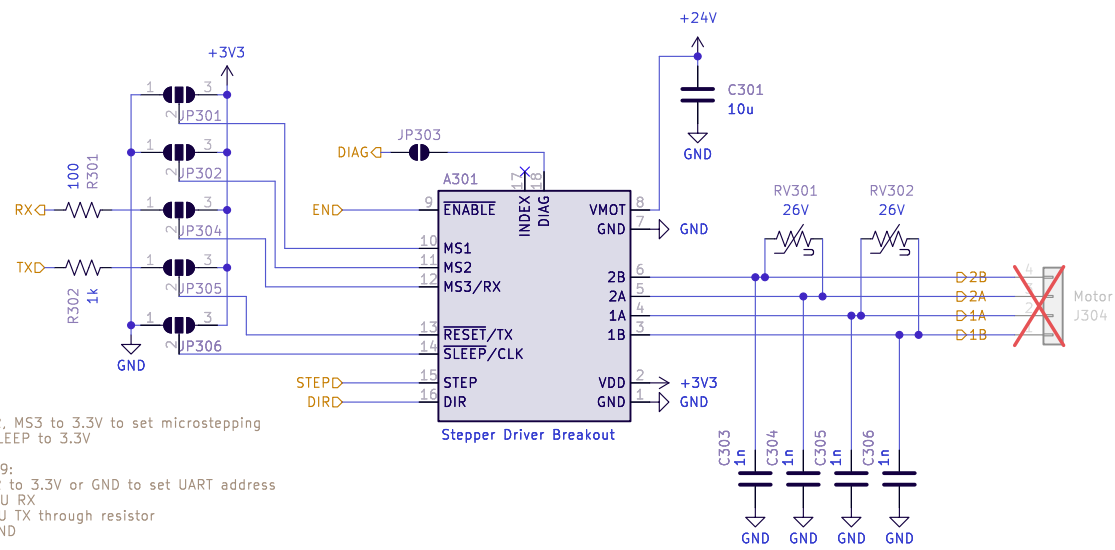
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Date:

Rev:
 Id: 2/5



for A4988:
 MS1, MS2, MS3 to 3.3V to set microstepping
 RESET, SLEEP to 3.3V

for TMC2209:
 MS1, MS2 to 3.3V or GND to set UART address
 RX to MCU RX
 TX to MCU TX through resistor
 CLK to GND

driver protection per TMC2209 datasheet

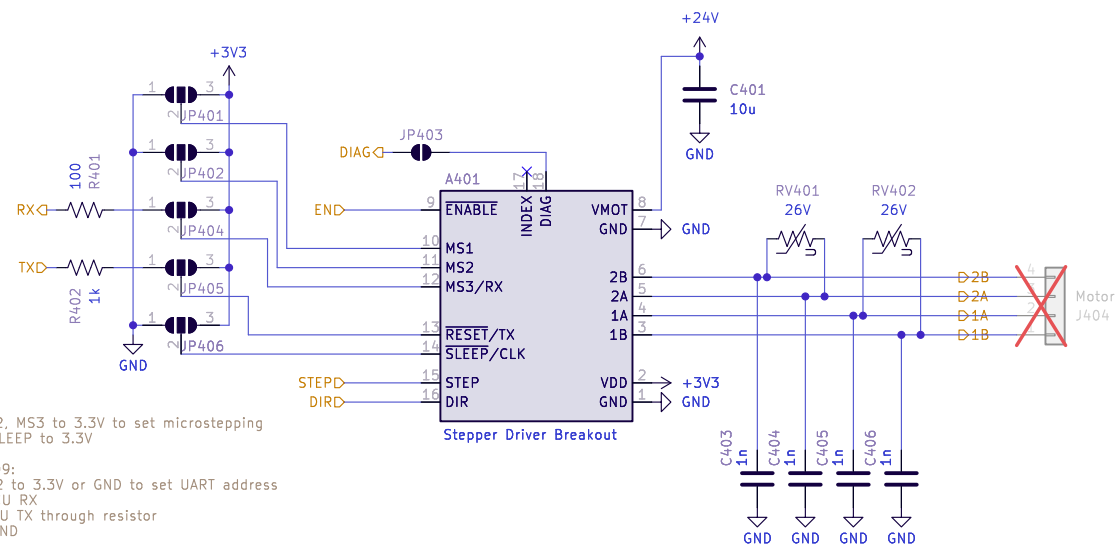
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Rev:
 Id: 3/5



for A4988:
 MS1, MS2, MS3 to 3.3V to set microstepping
 RESET, SLEEP to 3.3V

for TMC2209:
 MS1, MS2 to 3.3V or GND to set UART address
 RX to MCU RX
 TX to MCU TX through resistor
 CLK to GND

driver protection per TMC2209 datasheet

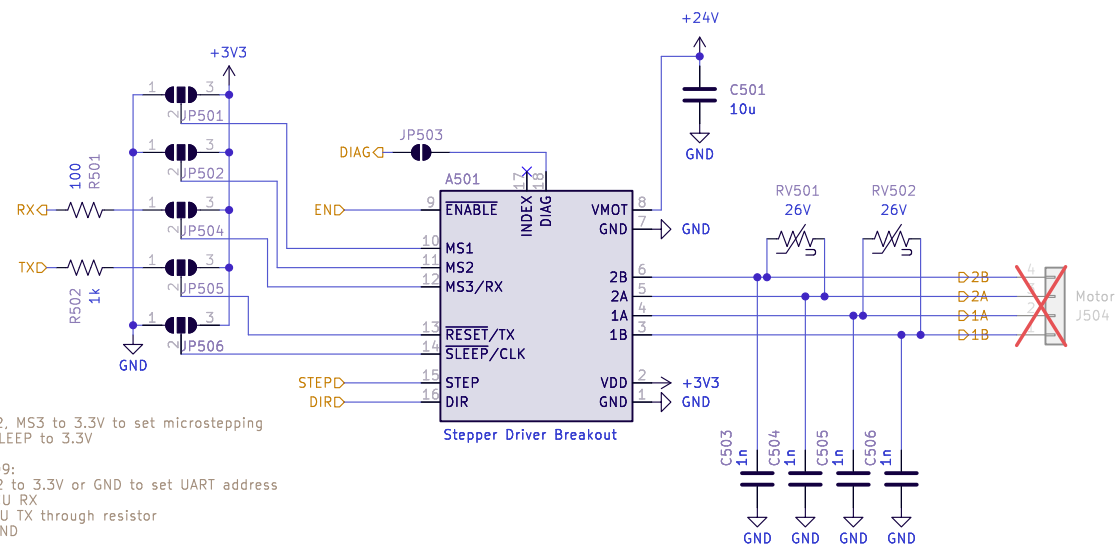
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Date:

Rev:
 Id: 4/5



for A4988:
 MS1, MS2, MS3 to 3.3V to set microstepping
 RESET, SLEEP to 3.3V

for TMC2209:
 MS1, MS2 to 3.3V or GND to set UART address
 RX to MCU RX
 TX to MCU TX through resistor
 CLK to GND

driver protection per TMC2209 datasheet

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Rev:
 Id: 5/5