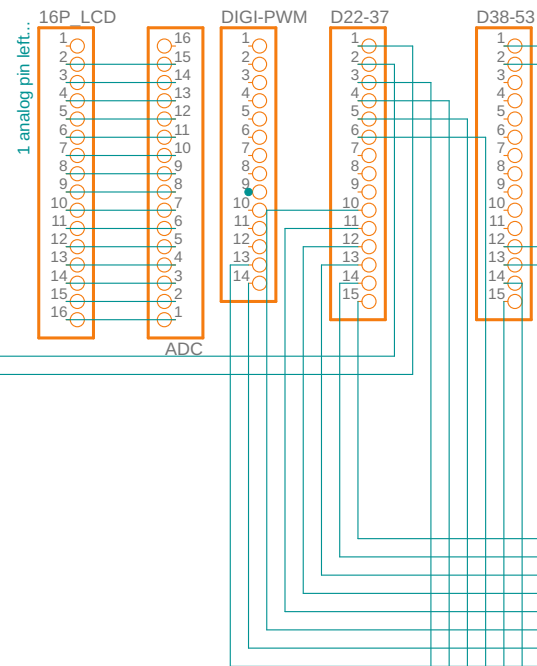


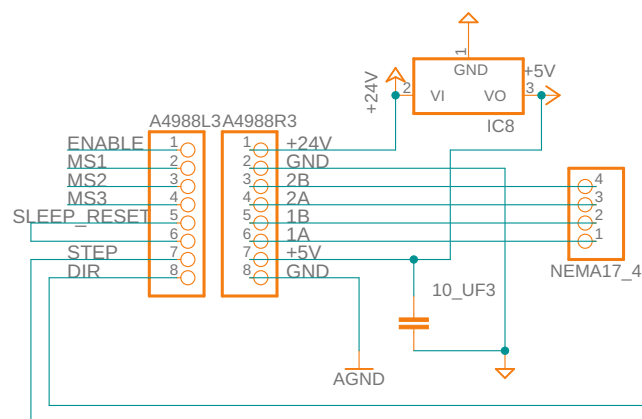
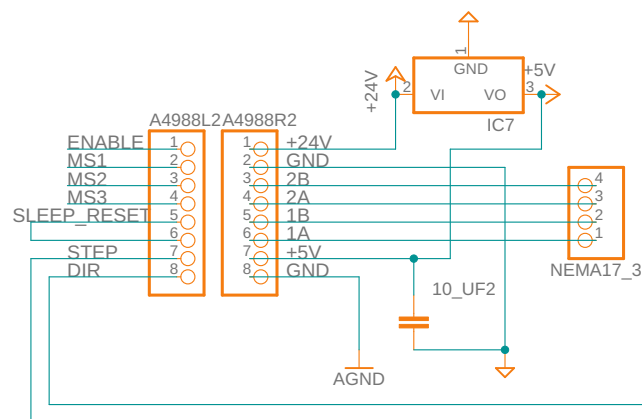
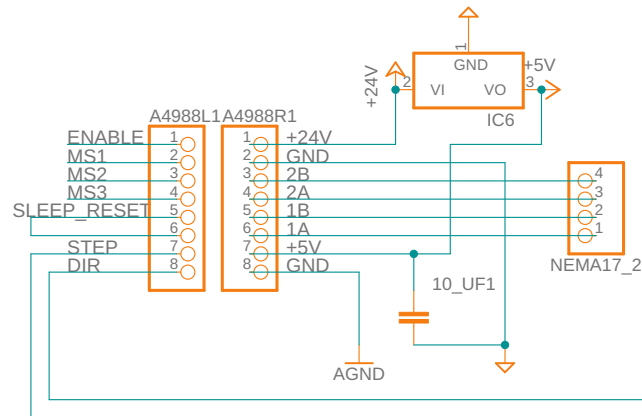
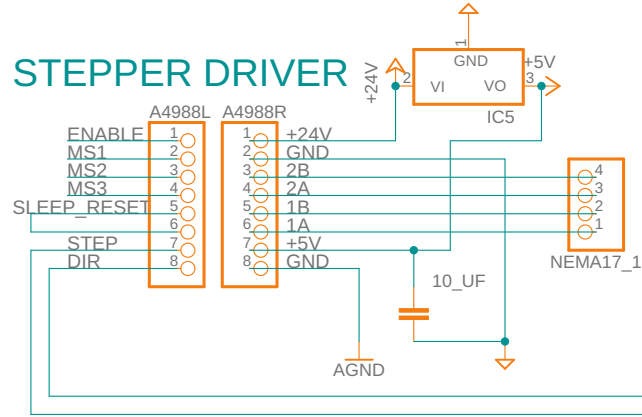
DirtBot Main

Each of the 54 digital pins on the Mega can be used as an input or output, using `pinMode()`, `digitalWrite()`, and `digitalRead()` functions. They operate at 5 volts. Each pin can provide or receive 20 mA as recommended operating condition and has an internal pull-up resistor (disconnected by default) of 20-50 k ohm.

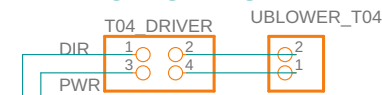
MEGA 2560



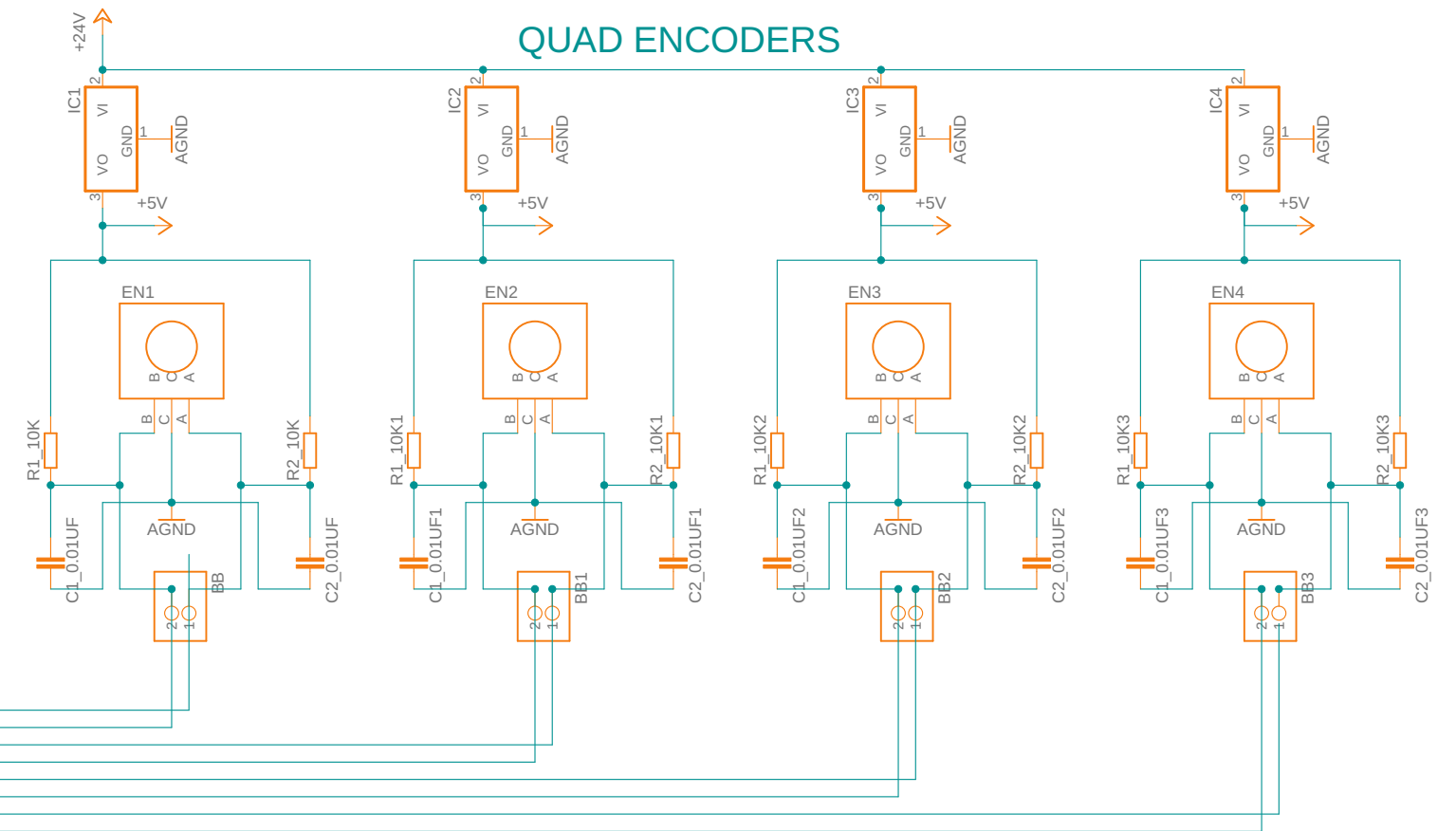
STEPPER DRIVER



MICROBLOWER



QUAD ENCODERS



LIMIT SWITCHES

