blue: digital
grey: ground
brown: I2C (sda,scl)
red: power
yellow: analog in
orange: control
green: inhibit
purple: data

modular communication

analog in mux 2x8

ground for digital

interrupt
pins x8

cd4
067

power and ground for analog in

digital in
x10

digital in
(internal)

analog
in
teensy
x6

pwm
pins
x6