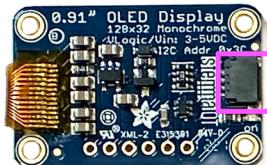


OLED display



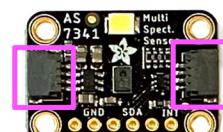
pressure & altitude



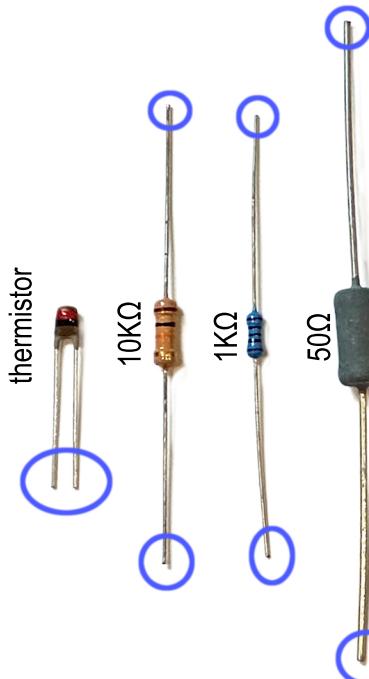
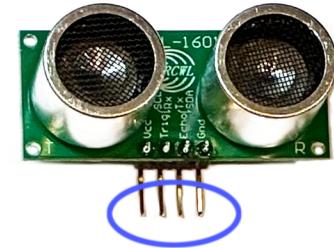
acceleration & rotation
& magnetic field



10-band photodetector



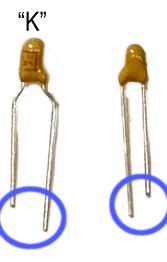
ultrasonic distance



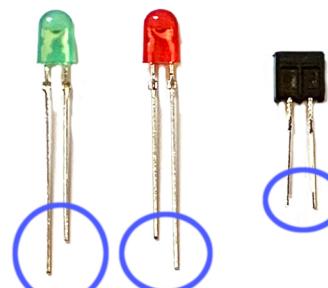
470µF
electrolytic



1µF 0.1µF



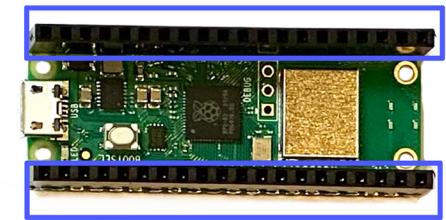
LEDs



IR LED &
photodiode



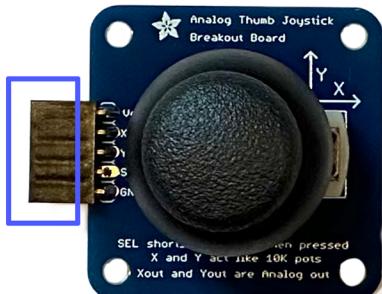
Raspberry Pi Pico-W



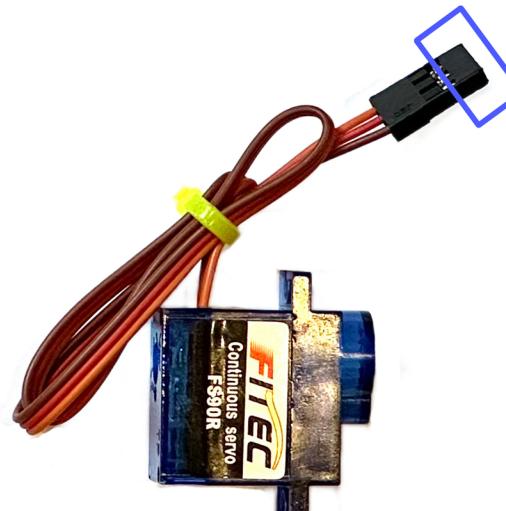
electret
microphone



analog joystick

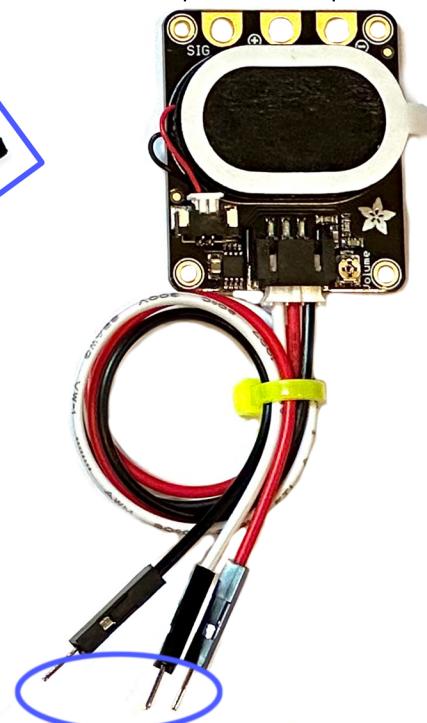


neopixel
strip

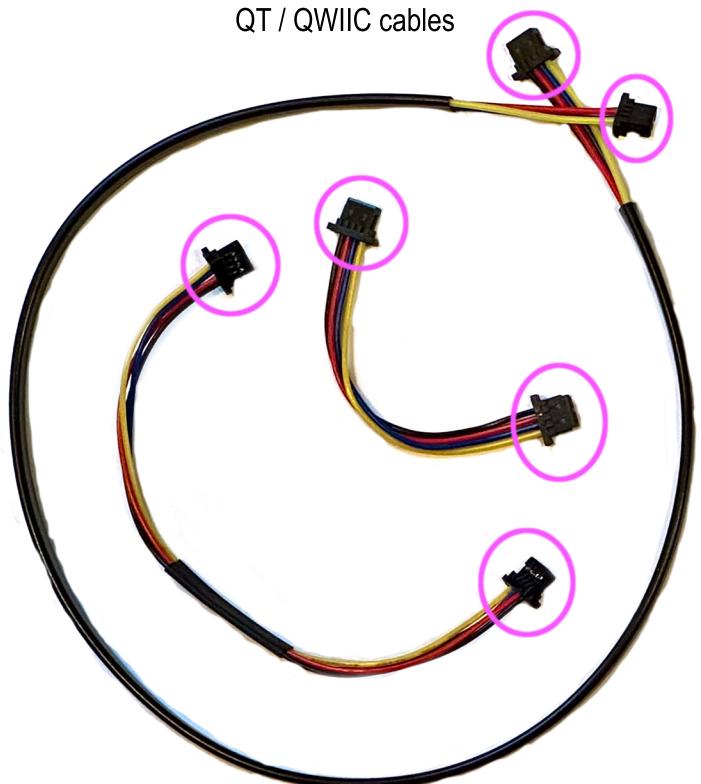


continuous
servo motor

speaker & amplifier



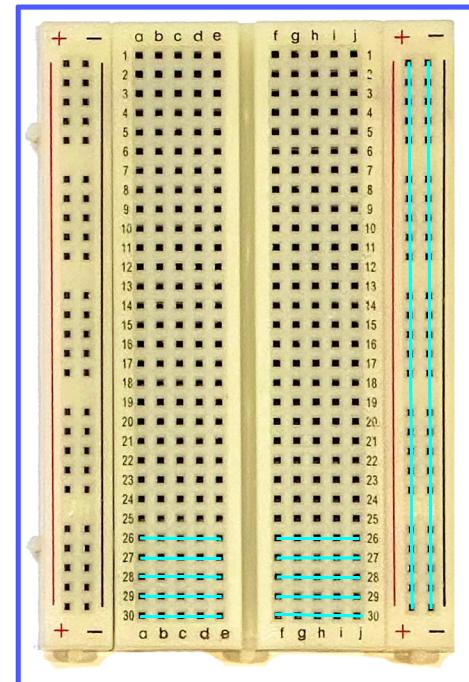
QT / QWIIC cables



QT / QWIIC to jumper cable



breadboard



Electronics for Scientists
UCI Physics & Astronomy

