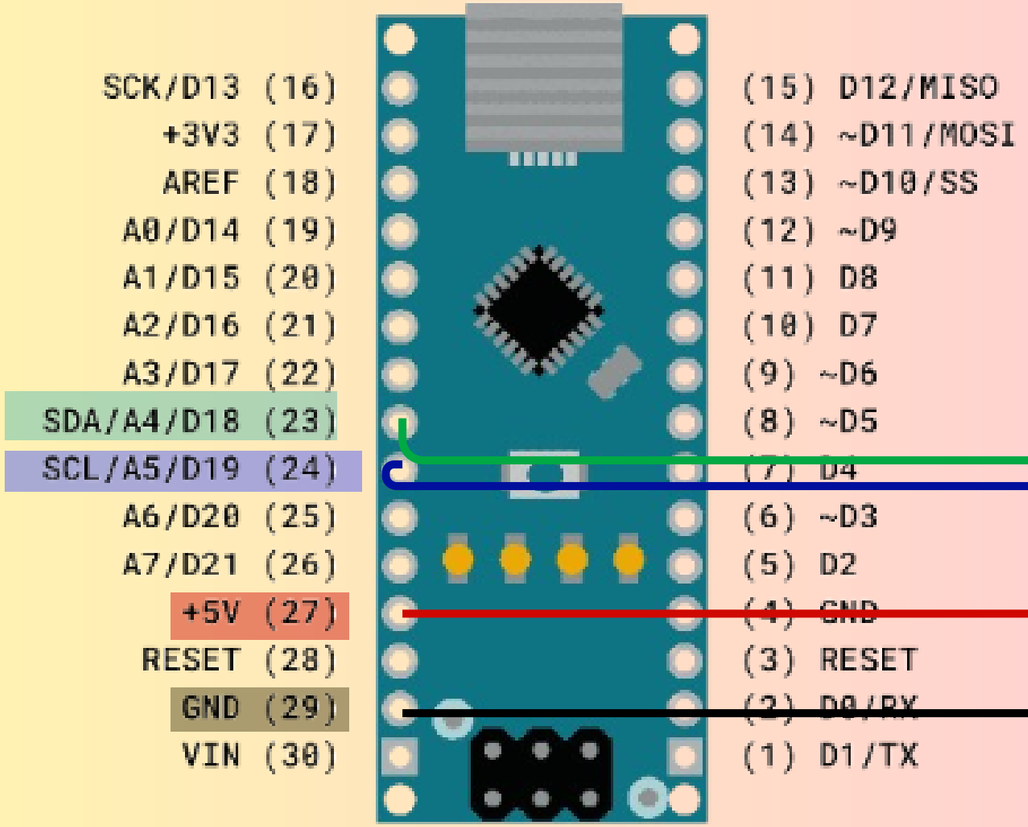
Wiring Diagram Arduino Nano to HuskyLens



SYSTEM INFORMATION

Communication: I²C + USB Serial

HuskyLens: Detects and identifies colored obstacles.

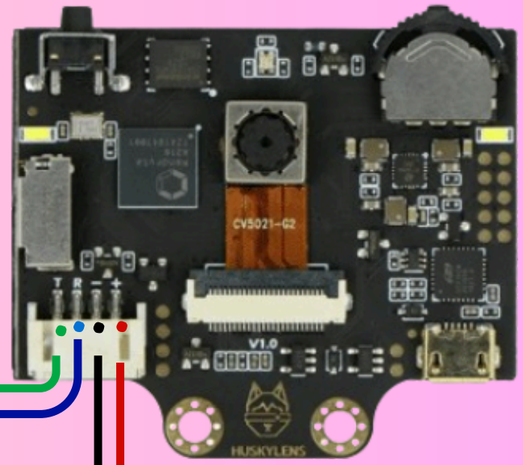
Arduino Nano: Receives HuskyLens data through I²C and sends the detection information to the EV3.

EV3 Brick: Uses the received data to control obstacle-avoidance behavior.

I²C Pins: A4 = SDA · A5 = SCL

Power: 5V · GND

Data Flow: HuskyLens → Nano → EV3



Green = SDA | Blue = SCL | Black = GND | Red = 5V