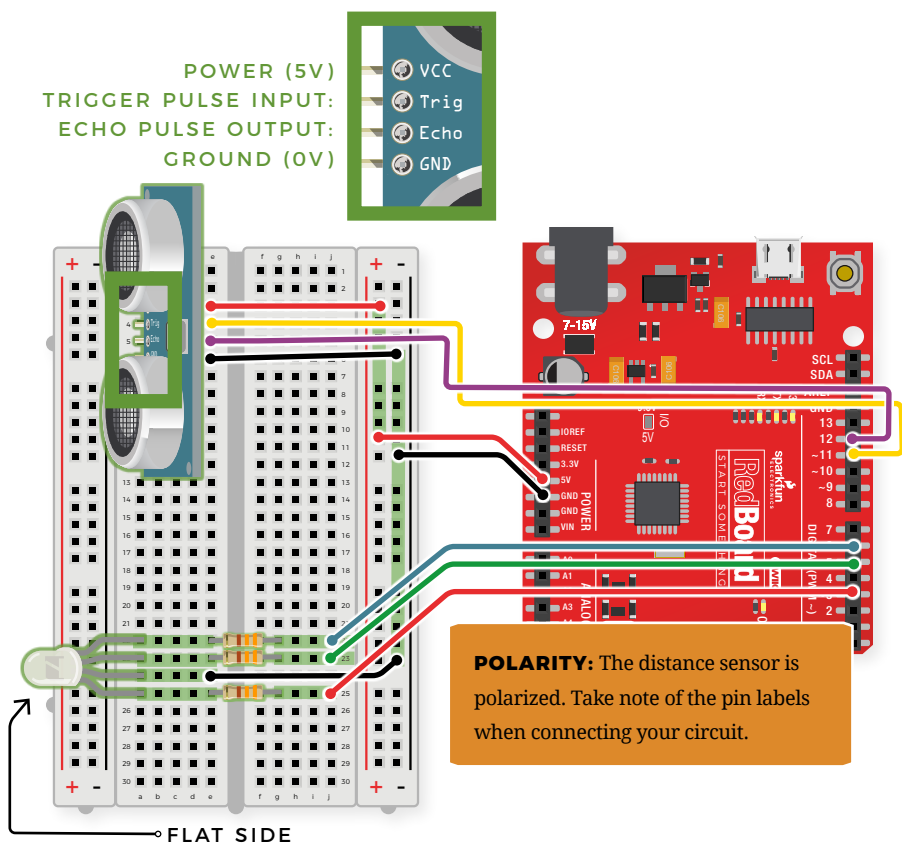


# HOOKUP GUIDE

**READY TO START HOOKING EVERYTHING UP?** Check out the circuit diagram and hookup table below to see how everything is connected.



## CONNECTION TYPES

### ◆ REDBOARD CONNECTION ■ BREADBOARD CONNECTION

#### JUMPER WIRES

- ◆ 5V to ■ 5V
- ◆ GND to ■ GND (-)
- ◆ D3 to ■ J25
- ◆ D5 to ■ J23
- ◆ D6 to ■ J22
- ◆ D11 to ■ E4
- ◆ D12 to ■ E5
- E3 to ■ 5V (+)
- E6 to ■ GND(-)
- E24 to ■ GND(-)

#### RGB LED

- A25(RED) + ■ A24(GND) + ■ A23(GREEN) + ■ A22(BLUE)

#### 330Ω RESISTORS (ORANGE, ORANGE, BROWN)

- E22 to ■ G22
- E23 to ■ G23
- E25 to ■ G25

#### DISTANCE SENSOR

- A3(VCC) + ■ A4(TRIG) + ■ A5(ECHO) + ■ A6(GND)