

THLOG

Wiring

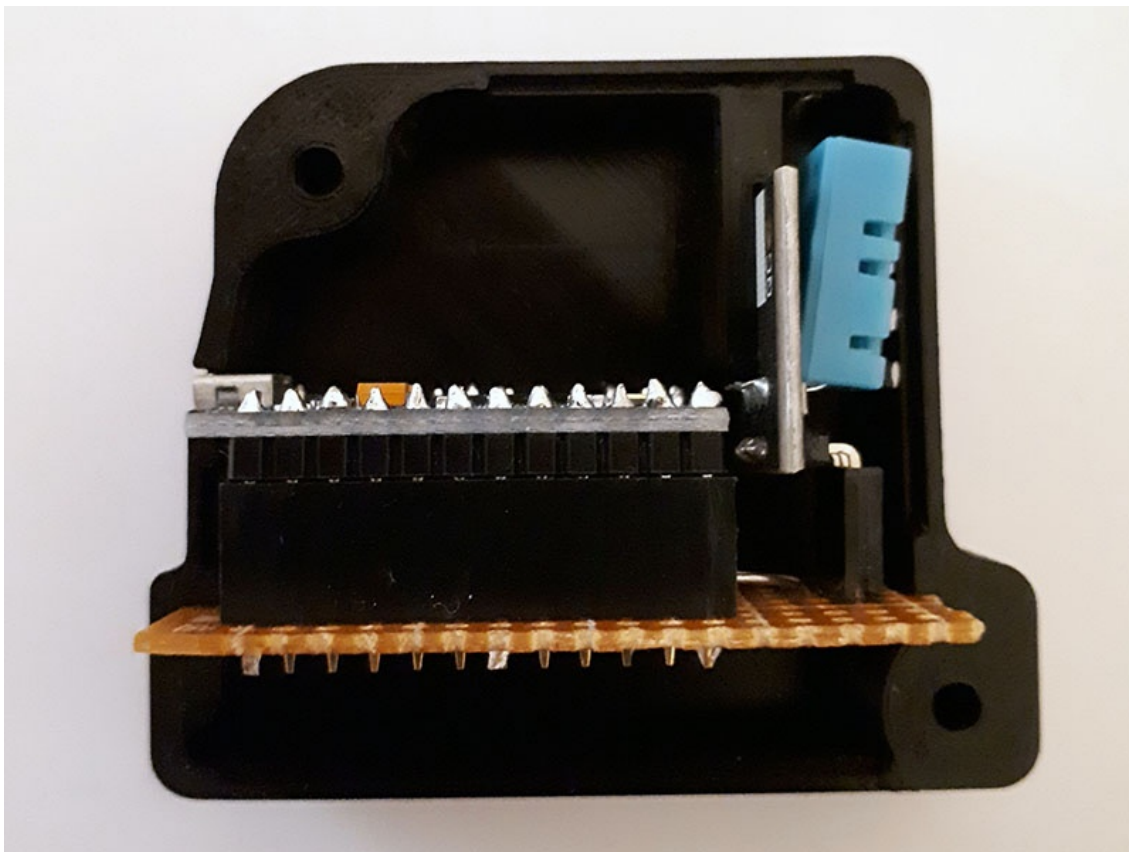
Pro Micro	KY-015
A2	Signal
VCC	Vcc
GND	Ground

> Capacity

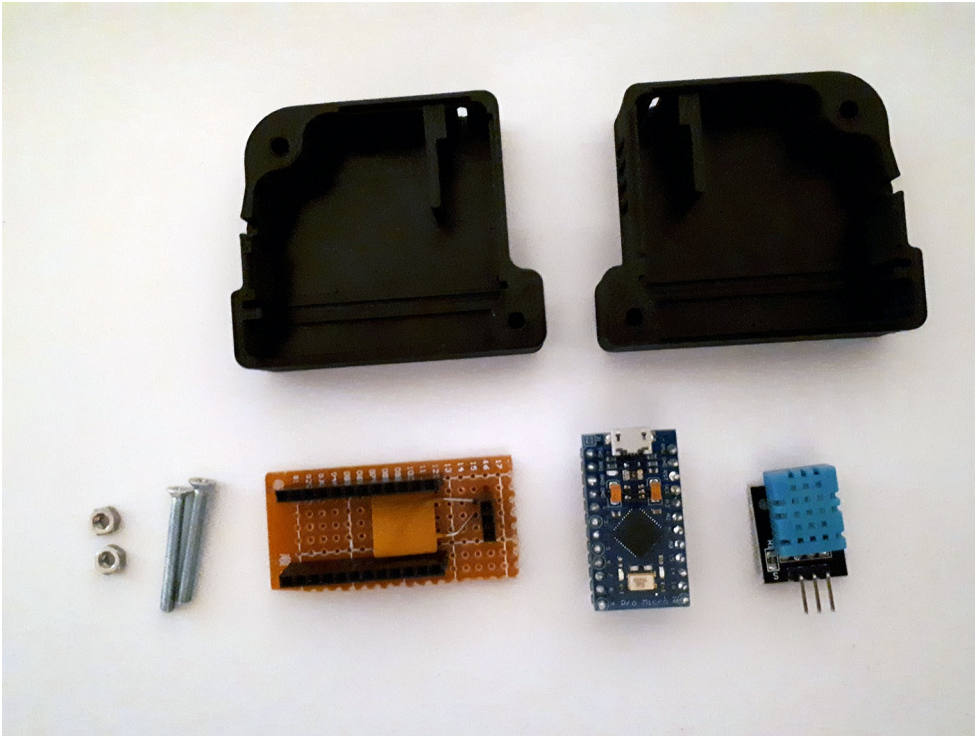
Components

Overview

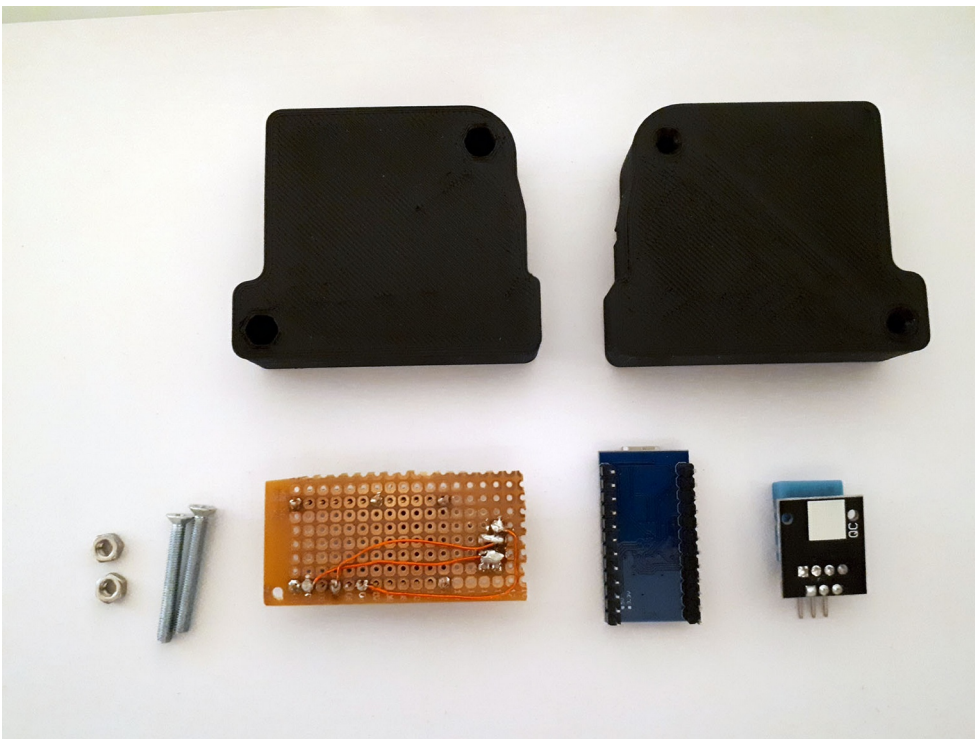
Side



Front



Back



Details

Micro Controller

Name: Pro Micro
Voltage: 5V
MCU: ATmega32U4
Speed: 16MHz
USB: Micro USB
Bootloader: Arduino

Pinout:

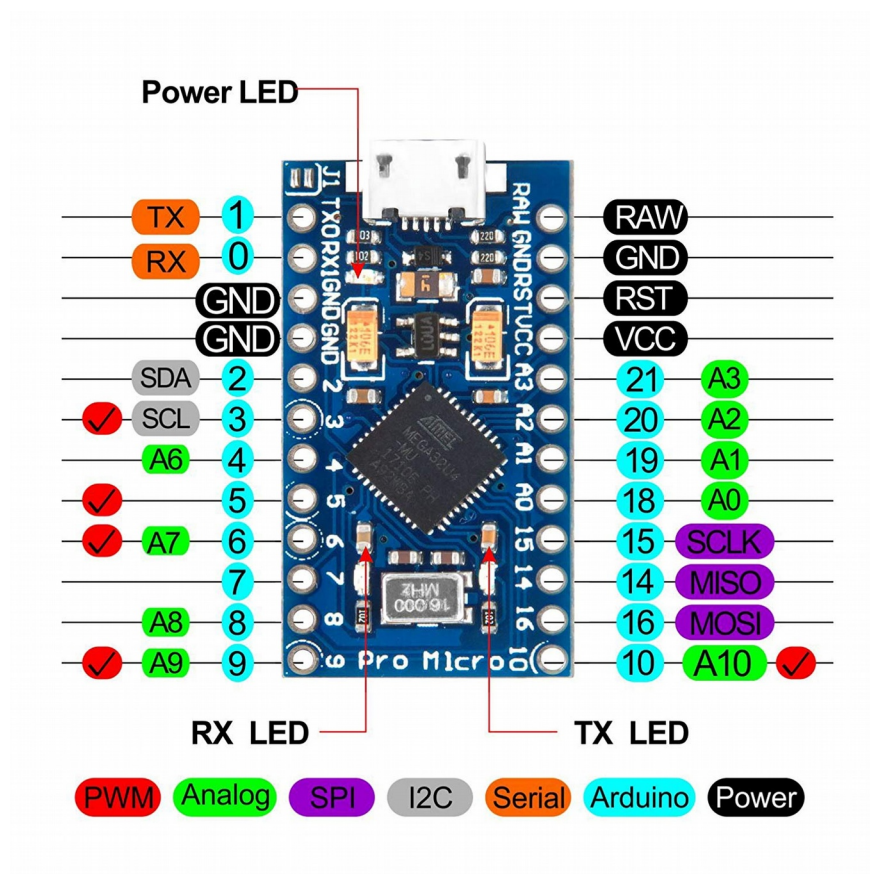


Figure 1: 2019-06-24,
https://images-na.ssl-images-amazon.com/images/I/81nOeGRzxPL._SL1500_.jpg

DHT11 Sensor

Name: KEYES KY-015

Voltage: 3.3V to 5.5V

Humidity:

Range: 20% to 90% RH

Accuracy: $\pm 5\%$ RH

Resolution: 1% RH

Temperature:

Range: 0°C to 50°C

Accuracy: $\pm 2^{\circ}\text{C}$

Resolution: 1°C

Pinout:

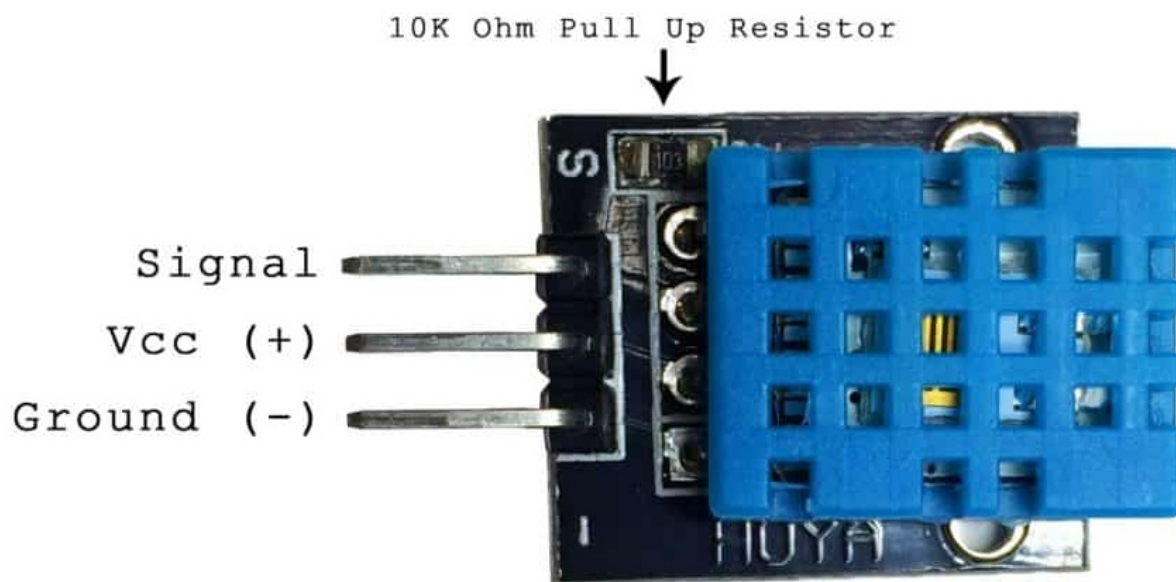


Figure 2: 2019-06-24, <http://www.circuitbasics.com/wp-content/uploads/2015/12/DHT11-Pinout-for-three-pin-and-four-pin-types-2.jpg>

Screws

Name: M3x25 or M3x30

Head: Countersink

Nut: ISO 4032

Pin Header

Name: single row female pin header (3 pin and 12 pin)

Height: 8mm (without soldering pins)

Spacing: 2.54mm

Decoupling Capacity (optional)

Name: Capacitor

Value: 100nF