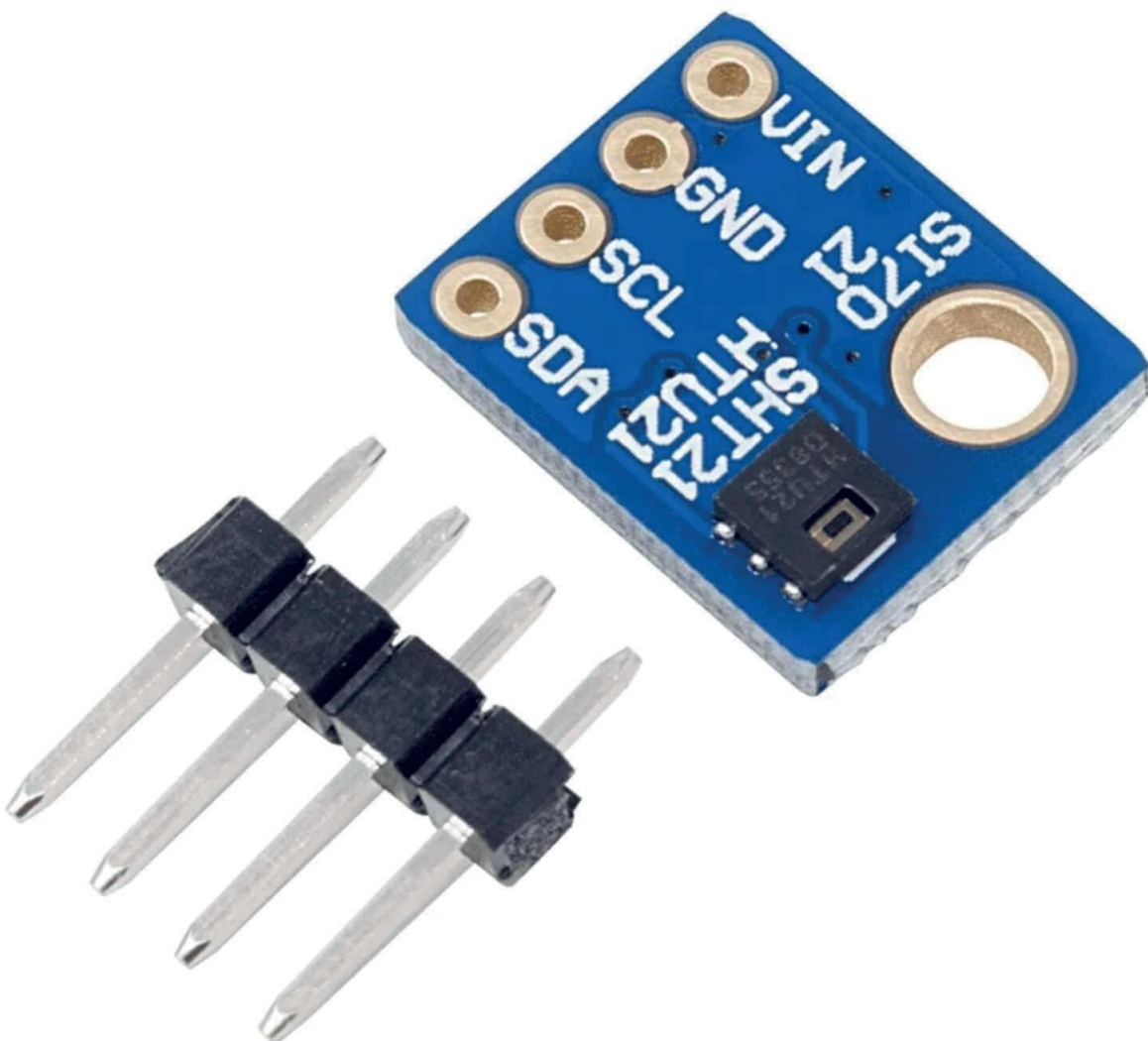


## GY-21 HTU21 Feuchtigkeit und Temperatur Sensor Datenblatt



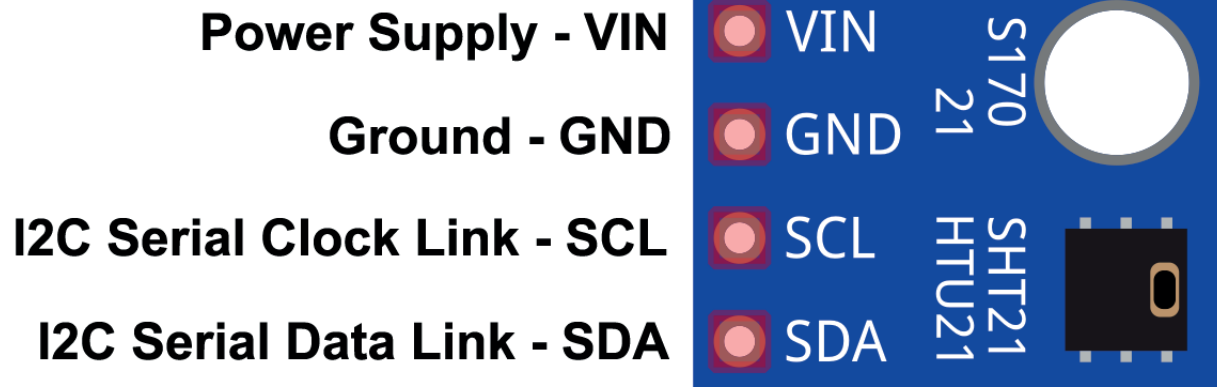
## Content:

- [1. Specifications](#)
- [2. Pinout](#)
- [3. Connection Diagram](#)

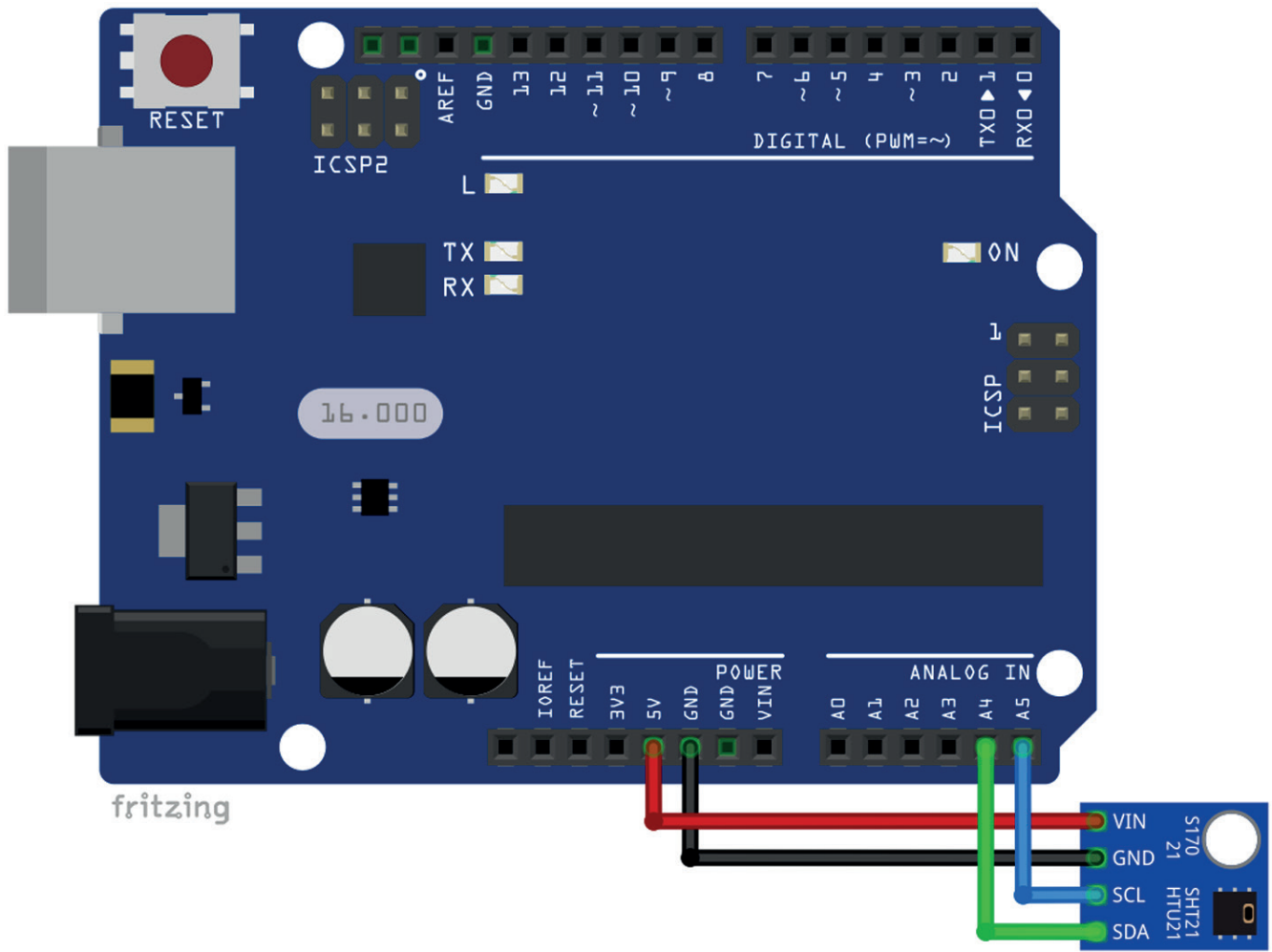
## 1. Specifications

<b>Operating Voltage range</b>	<b>From 3.3V to 5V DC</b>
<b>Current consumption</b>	<b>150<math>\mu</math>A</b>
<b>Temperature range</b>	<b>From -40°C to 85°C</b>
<b>Temperature accuracy</b>	<b><math>\pm</math>1.0°C</b>
<b>Humidity range</b>	<b>From 0 to 100% RH</b>
<b>Humidity accuracy</b>	<b><math>\pm</math>3%</b>
<b>Communication Interface</b>	<b>I<sup>2</sup>C</b>
<b>Dimensions</b>	<b>9mm x 11mm x 2mm [0.35in x 0.43in x 0.078in]</b>

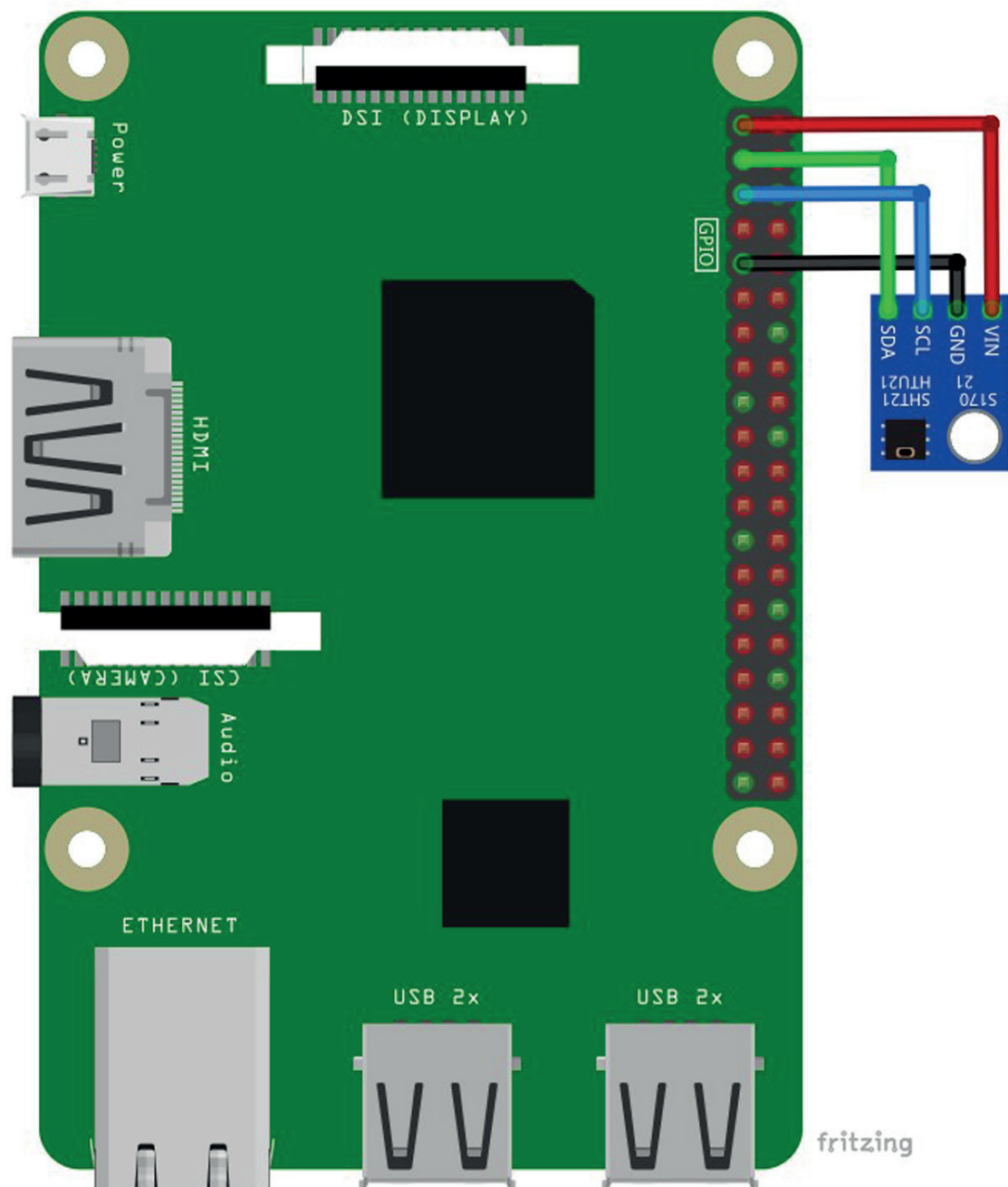
## 2. Pinout



### 3. Connection Diagram



Module Pin	Microcontroller Pin	Wire Color
VIN	5V	Red Wire
GND	GND	Black Wire
SCL	A5	Blue Wire
SDA	A4	Green Wire



Module Pin	Microcontroller Pin	Physical Pin	Wire Color
VIN	3.3V	1	Red Wire
SDA	GPIO2	3	Green Wire
SCL	GPIO3	5	Blue Wire
GND	GND	9	Black Wire

# AZ-Delivery

Ihr Experte für Mikroelektronik!

**For top quality microelectronics, we are your go to. We provide an array of application examples, full installation guides, eBooks, libraries, and all-round assistance. AZ-Delivery, your microelectronics expert!**