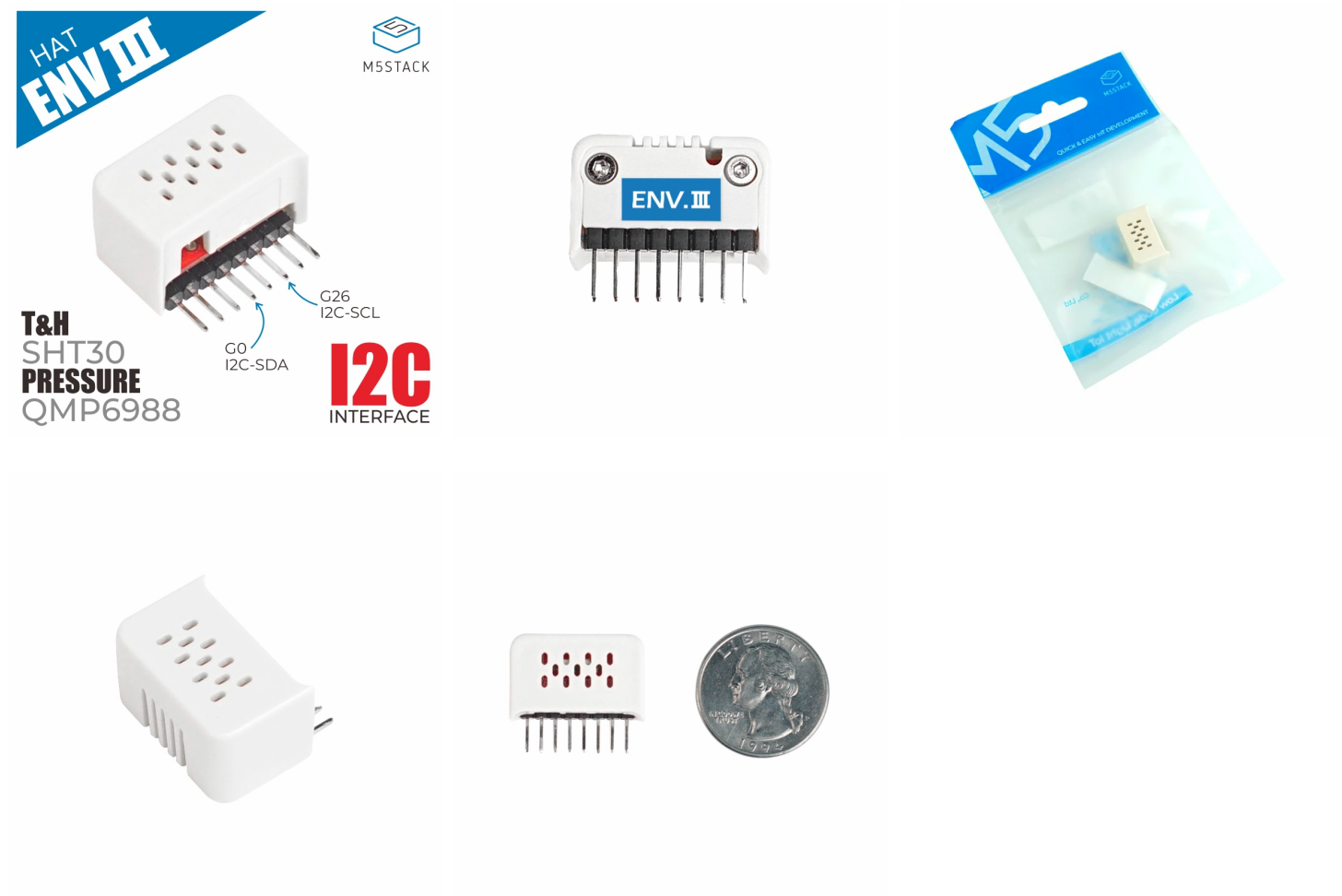


Hat ENV-III

SKU:U053-D



Description

Hat ENV-III is a multifunctional environmental sensor compatible with the M5StickC series. It integrates SHT30 and QMP6988 to detect temperature, humidity, and atmospheric pressure data. SHT30 (0x44) is a high-precision, low-power digital temperature and humidity sensor. QMP6988 (0x56) is an absolute pressure sensor designed for mobile applications with high accuracy. For projects that require quick collection and detection of environmental data, **Hat ENV-III** is an excellent choice balancing performance and cost-effectiveness.

Features

- Temperature, humidity, and pressure
- High reliability and long-term stability
- High accuracy

Includes

- 1 x Hat ENV-III
- 1 x Double-sided tape

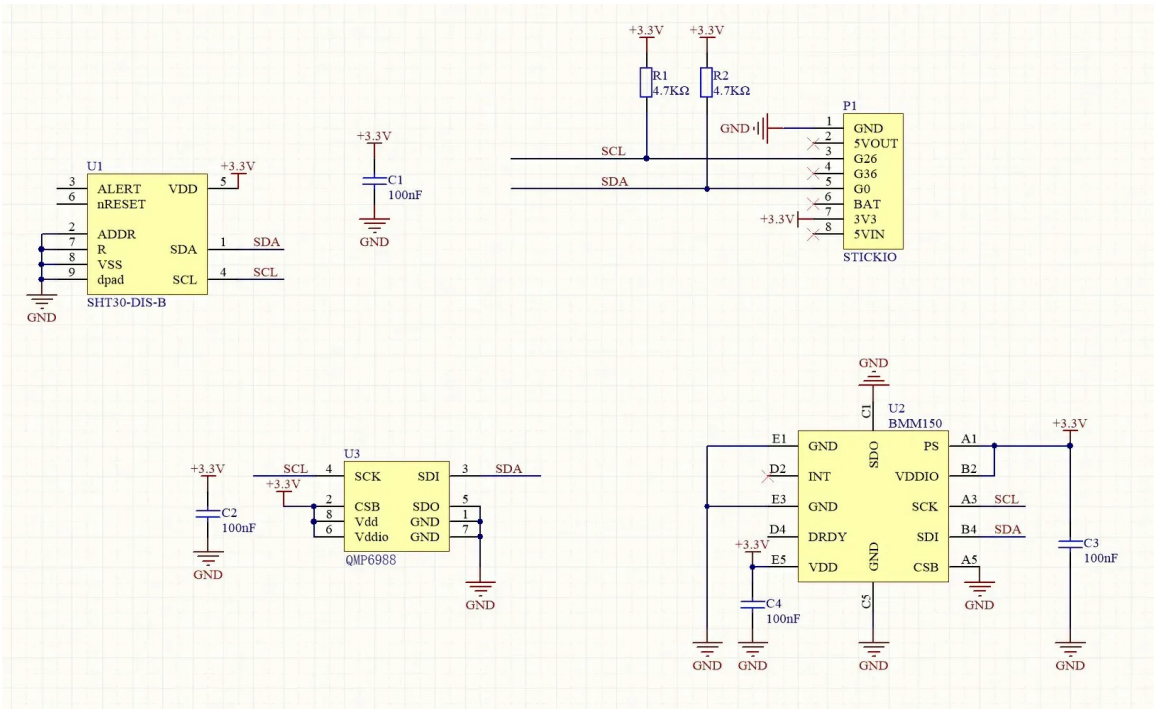
Applications

- Weather stations
- Grain storage environment monitoring

Specifications

Specification	Parameter
Maximum Temperature Range	-40 ~ 120°C
Maximum Measurement Accuracy	0 ~ 60°C / $\pm 0.2^{\circ}\text{C}$
Humidity Range / Error	10 ~ 90% RH / $\pm 2\%$
Maximum Air Pressure / Resolution / Error	300 ~ 1100hPa / 0.06Pa / $\pm 3.9\text{Pa}$
Communication Port	I2C @ SHT30 (0x44), QMP6988 (0x56)
Operating Temperature	0°C to 60°C
Enclosure Material	Plastic (PC)
Product Size	20.0 x 24.0 x 13.7mm
Product Weight	4.0g
Package Size	138.0 x 93.0 x 14.7mm
Gross Weight	8.0g

Schematics

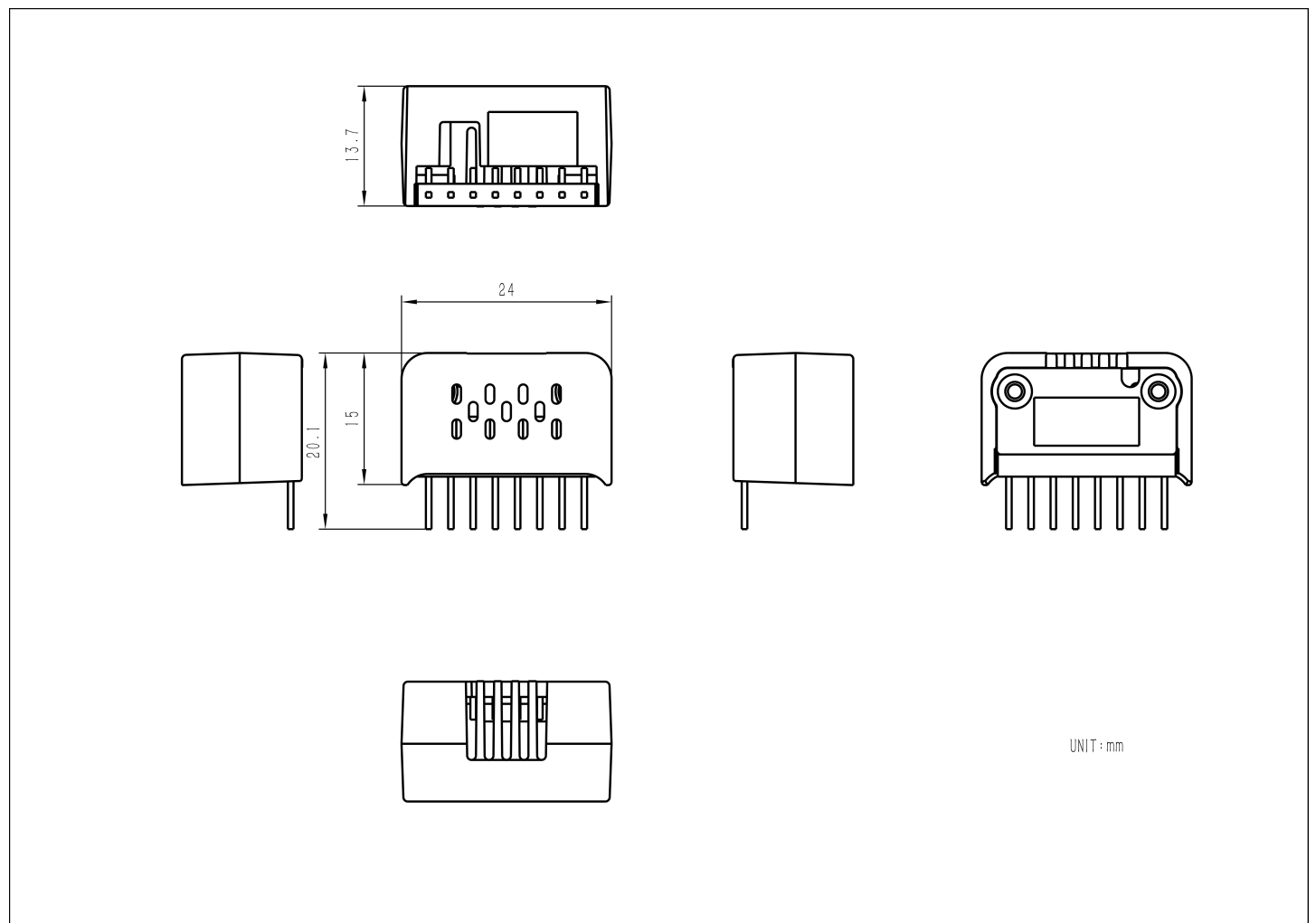


PinMap

M5StickC	G26	G0	3.3V	GND
ENV III HAT	SCL	SDA	3.3V	GND

Model Size

[Hat ENV-III Model Size PDF](#)



Structure

- [Hat ENV-III Structure Files](#)

Datasheets

- [QMP6988](#)
- [SHT30](#)

Softwares

Arduino

- [Hat ENV-III Example - with M5StickC](#)
- [Hat ENV-III Example - with M5StickC-Plus](#)