

Sensors

See: [Sensors measurements comparison](#)

Sensor	Voltage	i2c addr	t accur	RH accuracy	datasheet
AHT10	1.8-3.6v	0x38/39	±0.3°C	±2%	unofficial
AHT15	1.8-3.6v	0x38	±0.3°C	±2%	unofficial
AHT20	2.2-5.5v	0x38	±0.3°C	±2%	Aosong
AHT21	2.2-5.5v	0x38	±0.3°C	±2%	Aosong
AHT25	2.2-5.5v	0x38	±0.3°C	±2%	Aosong
AHT30	2.2-5.5v		±0.5°C	±3%	Aosong
AM2302 AM2320	3.1-5.5v 3.1-5.5v	- 0x5c	±0.5°C ±0.5°C	±2% ±3%	AM2320.pdf
BME280 BME680	1.71-3.6v 1.71-3.6v	0x76/77	±0.5°C ±0.5°C	±3% ±3%	bosch bosch
CC2D33	3.3v	0x28	±0.3°C	±3%	Telaire
DHT11 DHT12	2.7-5.5v 2.7-5.5v	- 0x5c	±2°C	±5%	mouser DHT12.pdf
HDC1080	2.7-5.5v	0x40	±0.2°C	±2%	ti
HDC2080	1.62-3.6v	0x40/41	±0.2°C	±2%	ti
HTU21d	1.5v-3.6v	0x40	±0.3°C	±3%	te
HIH7120	2.3-5.5v	0x27	±0.5°C	±3%	Honeywell
SHTC1 SHTC3	1.62v-2.98v 1.62-3.6v	0x70	±0.3°C ±0.2°C	±3% ±2%	c1 c3
SHT20 SHT21 SHT25	2.1-3.6v 2.1-3.6v 2.1-3.6v	0x40/41 0x40/41 0x40/41	±0.3°C ±0.3°C ±0.2°C	±3% ±2% ±1.8%	20 21 25
SHT30 SHT31 SHT35	2.15-5.5v 2.15-5.5v 2.15-5.5v	0x44	±0.2°C ±0.2°C ±0.1°C	±2% ±2% ±1.5%	sensirion
SHT40 SHT41 SHT45	1.08-3.6v 1.08-3.6v 1.08-3.6v	0x44/45 0x44 0x44	±0.2°C ±0.2°C ±0.1°C	±1.8% ±1.8% ±1.5%	sensirion
SHT85	2.15-5.5v	0x44	±0.1°C	±1.5%	sensirion
Si7021	1.9v-3.6v	0x40	±0.3°C	±2%	silabs

- [AHT10](#)
- [AHT15](#)
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- [AHT25](#)
- [AM2302 DHT22](#)
- [AM2320](#)
- [BME280](#)
- [BME680](#)
- [CC2D33](#)
- [DHT11](#)
- [DHT12](#)
- [HDC1080](#)
- [HDC2080](#)
- [HIH7120](#)
- [HTU21](#)
- [Senseair S8 LP](#)
- [SHT2x](#)
- [SHT3x](#)
- [SHT85](#)
- [SHTC1](#)

- [SHTC3](#)
- [Si7021](#)