



Click Boards

Sensors

SHT click

## SHT click

**PID:** MIKROE-2101

**Weight:** 23 g

SHT click is a temperature and humidity sensing click board that carries Sensiron's **SHT3x-DIS** IC. Compared to its predecessor (SHT11), SHT3x click has increased reliability and enhanced signal processing features with a high signal-to-noise ratio.



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### DESCRIPTION

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SHT click is a temperature and humidity sensing click board that carries Sensiron's **SHT3x-DIS** IC. Compared to its predecessor (SHT11), SHT3x click has increased reliability and enhanced signal processing features with a high signal-to-noise ratio. Best measurement results are achieved within a 5-60° C temperature range (0.015 resolution) and a 20%–80%RH humidity range (0.01 resolution). SHT click outputs a fully calibrated, linearized, and temperature compensated digital output through the mikroBUS™ I2C interface (SCL, SDA). An additional INT pin is for setting up alerts for certain temperature or humidity values. Finally, a RST pin allows you to reset the sensor. Designed to use either 3.3V or 5V power supply.

#### Downloads




SHT click examples



SHT click Documentation




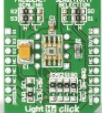
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