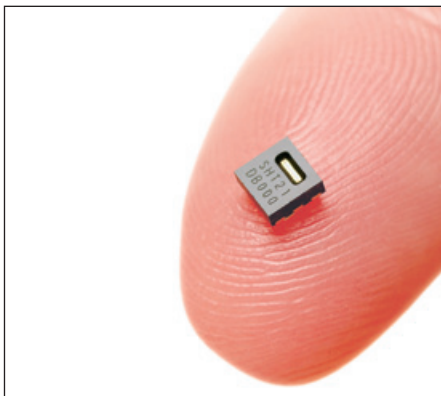


Digital Humidity Sensor SHT21 (RH&T)

Sensirion's new digital humidity & temperature sensor SHT21 integrates sensors and full signal processing in a $3 \times 3 \times 1.1$ mm DFN 3-0 component. The over-moulding of the sensor chip offers excellent protection against aging and ambient impact, and thus yields outstanding long-term stability. The SHT21 is fully calibrated and provides an I2C digital interface. Analog output modes are available on request. The digital communication mode enables superb low power consumption of $3 \mu\text{W}$ at normal operation.



▲ One of the smallest digital humidity sensor: SHT21

Typical sensor accuracy is $\pm 2\%$ RH over 20-80 % RH and ± 0.3 °C over 25-42 °C. Provided on tape & reel, the reflow solderable SHT21 is suitable for high-volume applications.

An extended quality assurance program guarantees low PPM values.

Sensirion AG
Laubisruetistrasse 50
CH-8712 Staefa ZH, Switzerland
Phone: +41 44 306 40 00 · Fax: +41 44 306 40 30
info@sensirion.com · www.sensirion.com
www.sensirion.com/humidity-sensor-sht21