

BME688 Environmental Sensor 4-in-1

Professional Technical Datasheet

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Product Overview

High-precision environmental sensor for temperature, humidity, pressure, and gas detection.

Key Features

- Temperature: -40 to +85°C, $\pm 0.5^\circ\text{C}$ accuracy
- Humidity: 0 to 100% RH, $\pm 3\%$ accuracy
- Pressure: 300 to 1100 hPa, ± 1 hPa accuracy
- VOC detection with IAQ index
- I²C and SPI interfaces

Technical Status



Datasheet generated successfully using simplified generator



Full professional version available in local development environment