BMP388-Breakout (Pressure & Temperature Sensor)

Item number: 20190001

Category: Humidity

The BMP388 is one of the newest Bosch pressure and temperature sensor with digital I2C and SPI interface. On the breakout you can find a voltage regulator and level translator, so you can use the board on 3V to 5,5V systems.

Features:
Pressure sensor
Pressure range 300 ? 1100 hPa (equiv. to +9000?-500 m above/below sea level)
Relative accuracy ±8 Pa, equiv. to ±0.66 m (900 ? 1100hPa @25-40°C)
Absolute accuracy typ. ±50 Pa (300 ...1100 hPa, -20 ...+65 °C)

Temperatur Sensor
Operating range Operational -40°C - +85°C / Full accuracy 0°C - +65°C

Digital interfaces I²C (up to 3.4 MHz) / SPI (3 and 4 wire, up to 10 MHz)
Current consumption 3.4µA @ 1 Hz sampling rat