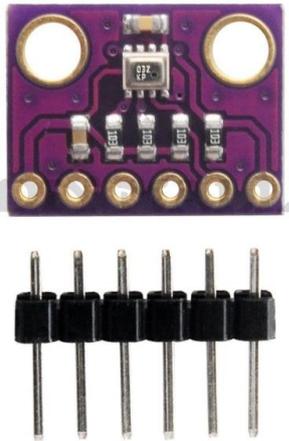


GY-BME280-3.3 High Precision Atmospheric Pressure Sensor Module

Product Description

BME280 Features

- Package 2.5 mm x 2.5 mm x 0.93 mm metal lid LGA
- Digital interface I2C (up to 3.4 MHz) and SPI (3 and 4 wire, up to 10 MHz)
- Supply voltage VDD main supply voltage range: 1.71 V to 3.6 V VIDEO interface voltage range: 1.2 V to 3.6 V
- Current consumption 1.8 uA @ 1 Hz humidity and temperature 2.8 uA @ 1 Hz pressure and temperature 3.6 uA @ 1 Hz humidity, pressure and temperature 0.1 uA in sleep mode
- Operating range -40 ... + 85 C, 0 ... 100% rel humidity, 300 ... 1100 hPa- Humidity sensor and pressure sensor can be independently enabled / disabled.



Description:

ME-BME280 is a Breakout Board featuring a Bosch Sensortec ME280 Temperature, Humidity & Pressure Sensor.

The board has selectable I2C address jumper (solder link GS2), I2C pull-up resistors, 7 pin header 2.54mm, and two mounting holes 3.5mm.

Default setting of the board; single power rail Vdd=Vdd_IO (solder link GS1), pull-ups resistors (R2, R3) 10k, protocol selector resistor 0ohm (R1), decoupling capacitors 0.1uF on both power supply pins Vdd & Vdd_IO.

If you connect board to both power rails VDD_IO 1.8V and VDD 3.3V be sure to remove the power rail jumper GS1!