

- **int8_t bme680_get_regs** (uint8_t reg_addr, uint8_t *reg_data, uint16_t len, struct **bme680_dev** *dev)
This API reads the data from the given register address of the sensor.
- **int8_t bme680_soft_reset** (struct **bme680_dev** *dev)
This API performs the soft reset of the sensor.
- **int8_t bme680_set_sensor_mode** (struct **bme680_dev** *dev)
This API is used to set the power mode of the sensor.
- **int8_t bme680_get_sensor_mode** (struct **bme680_dev** *dev)
This API is used to get the power mode of the sensor.
- **void bme680_set_profile_dur** (uint16_t duration, struct **bme680_dev** *dev)
This API is used to set the profile duration of the sensor.
- **void bme680_get_profile_dur** (uint16_t *duration, const struct **bme680_dev** *dev)
This API is used to get the profile duration of the sensor.
- **int8_t bme680_get_sensor_data** (struct **bme680_field_data** *data, struct **bme680_dev** *dev)
This API reads the pressure, temperature and humidity and gas data from the sensor, compensates the data and store it in the bme680_data structure instance passed by the user.
- **int8_t bme680_set_sensor_settings** (uint16_t desired_settings, struct **bme680_dev** *dev)
This API is used to set the oversampling, filter and T,P,H, gas selection settings in the sensor.
- **int8_t bme680_get_sensor_settings** (uint16_t desired_settings, struct **bme680_dev** *dev)
This API is used to get the oversampling, filter and T,P,H, gas selection settings in the sensor.

Detailed Description

Sensor driver for BME680 sensor.

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