

- `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.

Common macros

- `#define INT8_C(x) S8_C(x)`
- `#define UINT8_C(x) U8_C(x)`
- `#define INT16_C(x) S16_C(x)`
- `#define UINT16_C(x) U16_C(x)`
- `#define INT32_C(x) S32_C(x)`
- `#define UINT32_C(x) U32_C(x)`
- `#define INT64_C(x) S64_C(x)`
- `#define UINT64_C(x) U64_C(x)`

C standard macros

- `enum bme680_intf { BME680_SPI_INTF, BME680_I2C_INTF }`
Interface selection Enumerations.
- `typedef int8_t(* bme680_com_fptr_t) (uint8_t dev_id, uint8_t reg_addr, uint8_t *data, uint16_t len)`
- `typedef void(* bme680_delay_fptr_t) (uint32_t period)`
- `#define NULL ((void *) 0)`
- `#define BME680_POLL_PERIOD_MS UINT8_C(10)`
- `#define BME680_I2C_ADDR_PRIMARY UINT8_C(0x76)`
- `#define BME680_I2C_ADDR_SECONDARY UINT8_C(0x77)`
- `#define BME680_CHIP_ID UINT8_C(0x61)`
- `#define BME680_COEFF_SIZE UINT8_C(41)`
- `#define BME680_COEFF_ADDR1_LEN UINT8_C(25)`
- `#define BME680_COEFF_ADDR2_LEN UINT8_C(16)`
- `#define BME680_FIELD_LENGTH UINT8_C(15)`
- `#define BME680_FIELD_ADDR_OFFSET UINT8_C(17)`
- `#define BME680_SOFT_RESET_CMD UINT8_C(0xb6)`
- `#define BME680_OK INT8_C(0)`
- `#define BME680_E_NULL_PTR INT8_C(-1)`
- `#define BME680_E_COM_FAIL INT8_C(-2)`
- `#define BME680_E_DEV_NOT_FOUND INT8_C(-3)`
- `#define BME680_E_INVALID_LENGTH INT8_C(-4)`
- `#define BME680_W_DEFINE_PWR_MODE INT8_C(1)`
- `#define BME680_W_NO_NEW_DATA INT8_C(2)`
- `#define BME680_I_MIN_CORRECTION UINT8_C(1)`
- `#define BME680_I_MAX_CORRECTION UINT8_C(2)`
- `#define BME680_ADDR_RES_HEAT_VAL_ADDR UINT8_C(0x00)`
- `#define BME680_ADDR_RES_HEAT_RANGE_ADDR UINT8_C(0x02)`
- `#define BME680_ADDR_RANGE_SW_ERR_ADDR UINT8_C(0x04)`
- `#define BME680_ADDR_SENS_CONF_START UINT8_C(0x5A)`
- `#define BME680_ADDR_GAS_CONF_START UINT8_C(0x64)`
- `#define BME680_FIELD0_ADDR UINT8_C(0x1d)`
- `#define BME680_RES_HEAT0_ADDR UINT8_C(0x5a)`
- `#define BME680_GAS_WAIT0_ADDR UINT8_C(0x64)`
- `#define BME680_CONF_HEAT_CTRL_ADDR UINT8_C(0x70)`