- struct **bme680_gas_sett**
  BME680 gas sensor which comprises of gas settings and status parameters.
- struct **bme680_dev**
  BME680 device structure.

Macros

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

- #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)
- #define **BME680_CONF_ODR_RUN_GAS_NBC_ADDR**   UINT8_C(0x71)
- #define **BME680_CONF_OS_H_ADDR**   UINT8_C(0x72)
- #define **BME680_MEM_PAGE_ADDR**   UINT8_C(0xf3)
- #define **BME680_CONF_T_P_MODE_ADDR**   UINT8_C(0x74)
- #define **BME680_CONF_ODR_FILT_ADDR**   UINT8_C(0x75)
- #define **BME680_COEFF_ADDR1**   UINT8_C(0x89)
- #define **BME680_COEFF_ADDR2**   UINT8_C(0xe1)
- #define **BME680_CHIP_ID_ADDR**   UINT8_C(0xd0)