

```
#define BME680_GASM_VALID_MSK    UINT8_C(0x20)
#define BME680_HEAT_STAB_MSK    UINT8_C(0x10)
#define BME680_MEM_PAGE_MSK    UINT8_C(0x10)
#define BME680_SPI_RD_MSK      UINT8_C(0x80)
#define BME680_SPI_WR_MSK      UINT8_C(0x7f)
#define BME680_BIT_H1_DATA_MSK  UINT8_C(0x0F)

/** Bit position definitions for sensor settings */
#define BME680_GAS_MEAS_POS     UINT8_C(4)
#define BME680_FILTER_POS      UINT8_C(2)
#define BME680_OST_POS         UINT8_C(5)
#define BME680_OSP_POS         UINT8_C(2)
#define BME680_RUN_GAS_POS     UINT8_C(4)

/** Array Index to Field data mapping for Calibration Data*/
#define BME680_T2_LSB_REG      (1)
#define BME680_T2_MSB_REG      (2)
#define BME680_T3_REG          (3)
#define BME680_P1_LSB_REG      (5)
#define BME680_P1_MSB_REG      (6)
#define BME680_P2_LSB_REG      (7)
#define BME680_P2_MSB_REG      (8)
#define BME680_P3_REG          (9)
#define BME680_P4_LSB_REG      (11)
#define BME680_P4_MSB_REG      (12)
#define BME680_P5_LSB_REG      (13)
#define BME680_P5_MSB_REG      (14)
#define BME680_P7_REG          (15)
#define BME680_P6_REG          (16)
#define BME680_P8_LSB_REG      (19)
#define BME680_P8_MSB_REG      (20)
#define BME680_P9_LSB_REG      (21)
#define BME680_P9_MSB_REG      (22)
#define BME680_P10_REG         (23)
#define BME680_H2_MSB_REG      (25)
#define BME680_H2_LSB_REG      (26)
#define BME680_H1_LSB_REG      (26)
```