Parameters

in	*dev_id*	Place holder to store the id of the device structure Can be used to store the index of the Chip select or I2C address of the device.
in	*reg_addr*	Used to select the register the where data needs to be read from or written to.
	[in/out]	reg_data: Data array to read/write
in	*len*	Length of the data array

Definition at line 354 of file bme680_defs.h.

typedef void(* bme680_delay_fptr_t) (uint32_t period)

Delay function pointer

Parameters

in	*period*	Time period in milliseconds

Definition at line 360 of file bme680_defs.h.

Enumeration Type Documentation

enum bme680_intf

Interface selection Enumerations.

Enumerator:

BME680_SPI_IN TF	SPI interface
BME680_I2C_IN TF	I2C interface

Definition at line 365 of file bme680_defs.h.

Function Documentation

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.

Parameters

in	*dev*	: Structure instance of **bme680_dev**.
in	*duration*	: Duration of the measurement in ms.

Returns

Nothing

Definition at line 672 of file bme680.c.

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.