```
            data_array[count] = data;
            count++;
        }

        if (rslt == BME680_OK)
            rslt = bme680_set_regs(reg_array, data_array, count, dev);

        /* Restore previous intended power mode */
        dev->power_mode = intended_power_mode;
    }

    return rslt;
}

/*!
 * @brief This API is used to get 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)
{
    int8_t rslt;
    /* starting address of the register array for burst read*/
    uint8_t reg_addr = BME680_CONF_HEAT_CTRL_ADDR;
    uint8_t data_array[BME680_REG_BUFFER_LENGTH] = { 0 };

    /* Check for null pointer in the device structure*/
    rslt = null_ptr_check(dev);
    if (rslt == BME680_OK) {
        rslt = bme680_get_regs(reg_addr, data_array, BME680_REG_BUFFER_LENGTH, dev);

        if (rslt == BME680_OK) {
            if (desired_settings & BME680_GAS_MEAS_SEL)
                rslt = get_gas_config(dev);

            /* get the T,P,H ,Filter,ODR settings here */
            if (desired_settings & BME680_FILTER_SEL)
                dev->tph_sett.filter = BME680_GET_BITS(data_array[BME680_REG_FILTER_INDEX],
```