

```
}

    return rslt;
}

/*!
 * @brief This API performs the soft reset of the sensor.
 */
int8_t bme680_soft_reset(struct bme680_dev *dev)
{
    int8_t rslt;
    uint8_t reg_addr = BME680_SOFT_RESET_ADDR;
    /* 0xb6 is the soft reset command */
    uint8_t soft_rst_cmd = BME680_SOFT_RESET_CMD;

    /* Check for null pointer in the device structure*/
    rslt = null_ptr_check(dev);
    if (rslt == BME680_OK) {
        if (dev->intf == BME680_SPI_INTF)
            rslt = get_mem_page(dev);

        /* Reset the device */
        if (rslt == BME680_OK) {
            rslt = bme680_set_regs(&reg_addr, &soft_rst_cmd, 1, dev);
            /* Wait for 5ms */
            dev->delay_ms(BME680_RESET_PERIOD);

            if (rslt == BME680_OK) {
                /* After reset get the memory page */
                if (dev->intf == BME680_SPI_INTF)
                    rslt = get_mem_page(dev);
            }
        }
    }

    return rslt;
}
```