

main.c

```
void main(void)
```

sw\_i2c.h

```
I2C_SPEED
SW1_ADDR
SW2_ADDR
SW_CMD_ON
SW_CMD_OFF
```

```
void sw_i2c_init(void)
void sw_i2c_write(address,data)
//void sw_i2c_read(address,data,buffer)
```

sw\_i2c.c

```
void sw_i2c_init(void)
void sw_i2c_write(address,data)
//void sw_i2c_read(address,data,buffer)
```