



```
sint8_t DIO_init(ST_DIO_config_t* configurations);
```

```
sint8_t DIO_write(uint8_t port, EN_pins pin, uint8_t data);
```

```
sint8_t DIO_read(uint8_t port, EN_pins pin, uint8_t *data);
```

```
sint8_t DIO_toggle(uint8_t port, EN_pins pin);
```

```
sint8_t PWM_init(ST_PWM_config_t* configurations);
```

```
sint8_t PWM_start(EN_frequency_t frequency, EN_duty_t dutyCycle);
```

```
sint8_t PWM_stop();
```

```
sint8_t TIMER_init(ST_TIMER_config_t* configurations);
```

```
sint8_t TIMER_read(uint64_t value);
```

```
sint8_t TIMER_set(uint8_t value);
```

```
sint8_t TIMER_checkStatus(uint8_t status);
```

```
sint8_t TIMER_stop(EN_TimerNumber_t);
```

```
sint8_t MOTOR_init(uint8_t direction, uint8_t speed);
```

```
sint8_t MOTOR_speed(uint8_t speed);
```

```
sint8_t MOTOR_checkStatus(ST_MOTOR_status status);
```

```
sint8_t MOTOR_stop();
```

```
sint8_t BUTTON_init(ST_Button_config_t* configurations);
```

```
sint8_t BUTTON_checkStatus(uint8_t status);
```