



MCAL APIs

DIO

- E_status DIO_init(ST_DIO_config_t* config);
- E_status DIO_write(uint8_t port, EN_pins pin, uint8_t data);
- E_status DIO_read(uint8_t port, EN_pins pin, uint8_t *data);
- E_status DIO_toggle(uint8_t port, EN_pins pin);

TIMER

- E_status TIMER_init(ST_TIMER_config_t* config);
- E_status TIMER_read(EN_Timer_t timer, uint16_t *value);
- E_status TIMER_set(uint8_t value);
- E_status TIMER_checkState(EN_Timer_t timer, uint8_t *state);

PWM

- E_status PWM_init(ST_PWM_config_t* config);
- E_status PWM_start(EN_frequency_t freq, EN_duty_t duty)
- E_status PWM_stop(void);