

LED Driver

LOW LEVEL DESGIN Document

Version: 1st

Date: 26/10/2023

1.API specification

1.1 Type definitions

Name:	LED_config_t
Type:	Struct
Element:	DIO_PIN_ID pin_id; DIO_PORT_ID port_id; DIO_PIN_DIRECTION_TYPE pin_direction,;
Description:	Type definition for a LED configuration

2. Function definitions

Service name:	HAL_LED_init
Syntax:	HAL_LED_init (LED_config_t*Led_config);
Parameters (in):	LED_config_t*Led_config
Parameters (in/out):	None
Parameters (out):	None
Return value:	None
Description:	Fill the LED configuration structure
NUM:	

Service name:	HAL_LED_seton
Syntax:	HAL_LED_setOn ();
Parameters (in):	None
Parameters (in/out):	None
Parameters (out):	None
Return value:	None
Description:	Turn on LED
NUM:	

Service name:	HAL_LED_setoff
Syntax:	HAL_LED_setOff ();
Parameters (in):	None
Parameters (in/out):	None
Parameters (out):	None
Return value:	None
Description:	Turn off LED
NUM:	

Service name:	HAL_LED_Toggle
Syntax:	HAL_LED_toggle();
Parameters (in):	None
Parameters (in/out):	None
Parameters (out):	None
Return value:	None
Description:	Toggle LED Status
NUM:	