

PORT Driver

1.1 Type Definitions

1.1.1 Port_PinDirectionTyp

Name	Port_PinDirectionType
Type	Enum
Values	PORT_PIN_IN
	PORT_PIN_OUT

1.2 Function Definitions

1.2.1 Port_Init

Name	Port_Init	
Input	uint8	port_index
Return	void	
Description	Initialize port based on selected port_index (0 to 5) by enabling the clock, unlocking the port, and making the selected mode digital	

1.2.2 Port_SetPinDirection

Name	Port_SetPinDirection	
Input	uint8	port_index
	uint8	pins_mask
	Port_PinDirectionType	pins_direction
Return	void	
Description	Change the direction of the selected pins by pins_mask in the port selected by port_index.	

1.2.3 Port_SetPinPullUp

Name	Port_SetPinPullUp	
Input	uint8	port_index
	uint8	pins_mask
	uint8	enable
Return	void	
Description	<p>If enable is 1, the selected pins by pins_mask in the port selected by port_index will be connected to internal pull-up resistor.</p> <p>If enable is 0, the selected pins by pins_mask in the port selected by port_index will be not be connected to internal pull-up resistor.</p>	

1.2.4 Port_setPinPullDown

Name	Port_SetPinPullDown	
Input	uint8	port_index
	uint8	pins_mask
	uint8	enable
Return	void	
Description	<p>If enable is 1, the selected pins by pins_mask in the port selected by port_index will be connected to internal pull-down resistor.</p> <p>If enable is 0, the selected pins by pins_mask in the port selected by port_index will be not be connected to internal pull-down resistor.</p>	