

## PWM

### Function definition

name	PWM5_3_G2
input	void
return	void
Description	Initialize PortF pin 1 as pwm with frequency of 500 hz

name	PWM6_3_G3
input	void
return	void
Description	Initialize PortF pin 2 as pwm with frequency of 500 hz

name	PWM7_3_G3
input	void
return	void
Description	Initialize PortF pin 3 as pwm with frequency of 500 hz

name	PWM1_init	
input	Uint_8	Pin index
return	Void	
Description	Enables pwm clock , Enable the clock divisor , initialize the pwm with 1.25 MHz freq And according to the pin index it initialize PortF pin(1 or 2 or 3) as pwm with 500 hz freq	

name	SetDutyCycle	
input	uint8_t	pin_index
	uint8_t	duty_cycle
return	void	
Description	Set the duty_cycle value in the comparator of the pin index used as pwm	