

1. Description

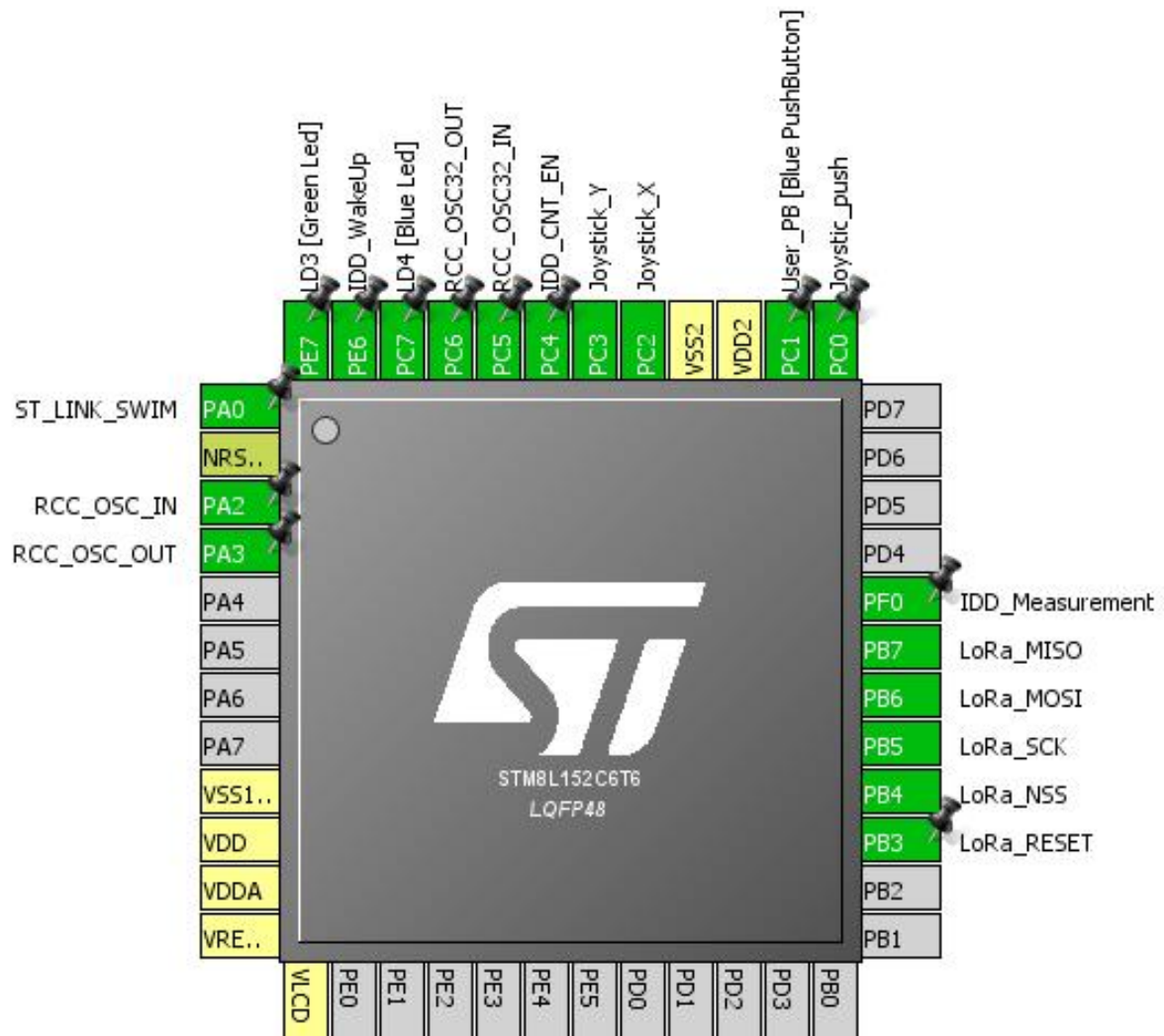
1.1. Project

Project Name	remote
Board Name	No information
Generated with:	STM8CubeMX 1.5.0
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1.2. MCU

MCU Series	STM8L
MCU Line	STM8L151/152
MCU name	STM8L152C6T6
MCU Package	LQFP48
MCU Pin number	48

2. Pinout Configuration



3. Pins Configuration

Pin Number LQFP48	Pin Name (function after reset)	Pin Type	Alternate Function(s)	Label
1	PA0	I/O	SYS_SWIM	ST_LINK_SWIM
2	NRST/PA1	Reset		
3	PA2	I/O	RCC_OSC_IN	
4	PA3	I/O	RCC_OSC_OUT	
9	VSS1/VSSA/VREF-	Power		
10	VDD	Power		
11	VDDA	Power		
12	VREF+	Power		
13	VLCD	Power		
27	PB3 *	I/O	GPIO_Output	LoRa_RESET
28	PB4	I/O	SPI1_NSS	LoRa_NSS
29	PB5	I/O	SPI1_SCK	LoRa_SCK
30	PB6	I/O	SPI1_MOSI	LoRa_MOSI
31	PB7	I/O	SPI1_MISO	LoRa_MISO
32	PF0	I/O	ADC1_IN24	IDD_Measurement
37	PC0 *	I/O	GPIO_Input	Joystic_push
38	PC1 *	I/O	GPIO_Input	User_PB [Blue PushButton]
39	VDD2	Power		
40	VSS2	Power		
41	PC2	I/O	ADC1_IN6	Joystick_X
42	PC3	I/O	ADC1_IN5	Joystick_Y
43	PC4 *	I/O	GPIO_Output	IDD_CNT_EN
44	PC5	I/O	RCC_OSC32_IN	
45	PC6	I/O	RCC_OSC32_OUT	
46	PC7 *	I/O	GPIO_Output	LD4 [Blue Led]
47	PE6 *	I/O	GPIO_Input	IDD_WakeUp
48	PE7 *	I/O	GPIO_Output	LD3 [Green Led]

* The pin is affected with an I/O function

4. Clock Tree Configuration

