

## 1. Description

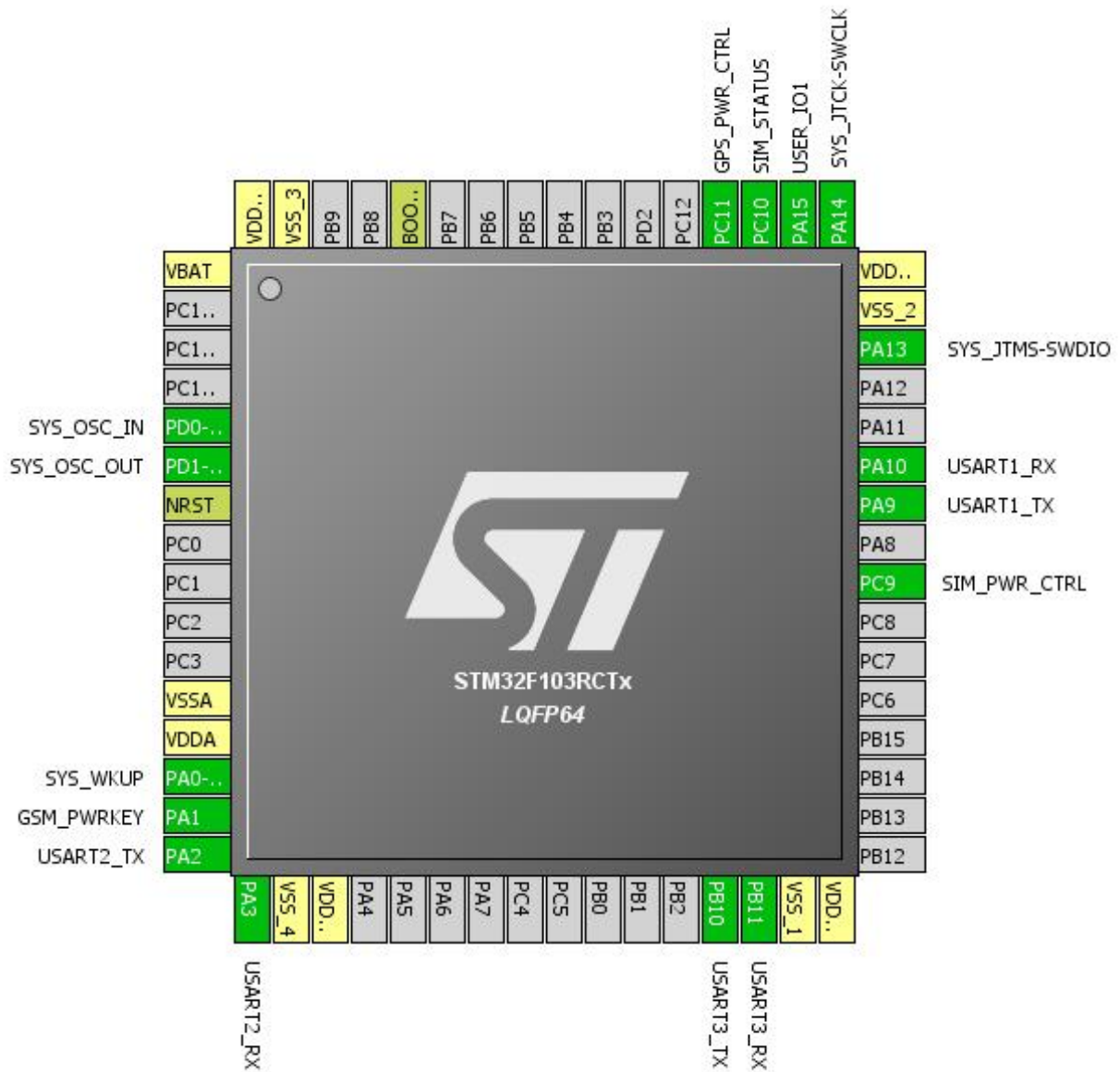
### 1.1. Project

Project Name	stm32gps_VB
Generated with:	STM32CubeMX 4.2.0
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### 1.2. MCU

MCU Serie	STM32F1
MCU Line	STM32F103
MCU name	STM32F103RCTx
MCU Package	LQFP64
MCU Pin number	64

## 2. Pinout Configuration



### 3. IPs and Middlewares Configuration

IP	Mode	Fonction	Pin
SYS	Debug: Serial-Wire	SYS_JTCK-SWCLK	PA14
		SYS_JTMS-SWDIO	PA13
	OSC: HSE-External-Oscillator	SYS_OSC_IN	PD0-OSC_IN
		SYS_OSC_OUT	PD1-OSC_OUT
	SYS-WKUP	SYS_WKUP	PA0-WKUP
USART1	Mode: Asynchronous	USART1_RX	PA10
		USART1_TX	PA9
USART2	Mode: Asynchronous	USART2_RX	PA3
		USART2_TX	PA2
USART3	Mode: Asynchronous	USART3_RX	PB11
		USART3_TX	PB10

## 4. Pins Configuration

Pin	Pos	Function(s)	Label
PD0-OSC_IN	5	SYS_OSC_IN	
PD1-OSC_OUT	6	SYS_OSC_OUT	
PA0-WKUP	14	SYS_WKUP	
PA1 *	15	GPIO_Output	GSM_PWRKEY
PA2	16	USART2_TX	
PA3	17	USART2_RX	
PB10	29	USART3_TX	
PB11	30	USART3_RX	
PC9 *	40	GPIO_Output	SIM_PWR_CTRL
PA9	42	USART1_TX	
PA10	43	USART1_RX	
PA13	46	SYS_JTMS-SWDIO	
PA14	49	SYS_JTCK-SWCLK	
PA15 *	50	GPIO_Input	USER_IO1
PC10 *	51	GPIO_Input	SIM_STATUS
PC11 *	52	GPIO_Output	GPS_PWR_CTRL

\* The pin is affected with an I/O function