

## 1. Description

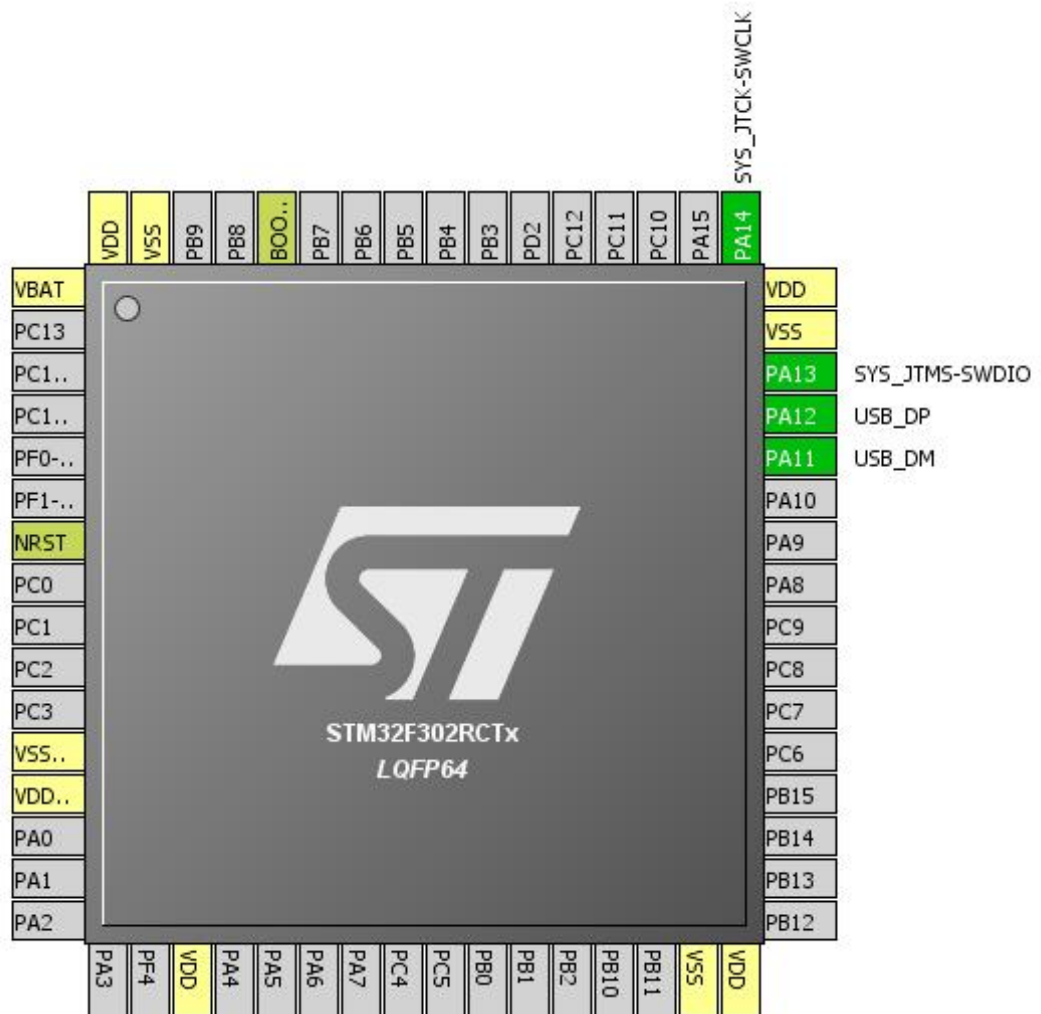
### 1.1. Project

Project Name	ScorpionOne
Generated with:	STM32CubeMX 4.3.1
Date	11/21/2014

### 1.2. MCU

MCU Serie	STM32F3
MCU Line	STM32F302
MCU name	STM32F302RCTx
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
USB	Device (FS)	USB_DM	PA11
		USB_DP	PA12

MiddleWare	Mode
USB_DEVICE	Class For FS IP: Human Interface Device Class (HID)

## ***4. Pins Configuration***

Pin	Pos	Function(s)	Label
PA11	44	USB_DM	
PA12	45	USB_DP	
PA13	46	SYS_JTMS-SWDIO	
PA14	49	SYS_JTCK-SWCLK	

## 5. Power Plugin report

### 5.1. Microcontroller Selection

Serie	STM32F3
Line	STM32F302
MCU	STM32F302RCTx
Datasheet	025186_Rev2

### 5.2. Parameter Selection

Temperature	25
Vdd	3.6

### 5.3. Battery Selection

Battery	Not set
Capacity	0.0 mAh
Self discharge	0.0 %/month
Nominal voltage	0.0 V
Max Cont Current	0.0 mA
Max Pulse Current	0.0 mA
Cells in series	1
Cells in parallel	1

## 6. Software Project

### 6.1. Project Settings

Name	Value
Project Name	ScorpionOne
Project Folder	C:\icecut\github\ScorpionBoard\develop\ScorpionOne
Toolchain / IDE	EWARM 6.70
Firmware Package Name and Version	STM32Cube FW_F3 V1.0.0

### 6.2. Code Generation Settings

Name	Value
STM32Cube Firmware Library Package	Copy all used libraries into the project folder
Generate peripheral initialization as a pair of '.c/.h' files	Yes
Backup previously generated files when re-generating	No
Delete previously generated files when not re-generated	Yes
Set all free pins as analog (to optimize the power consumption)	No

### 6.3. Toolchains Settings

Name	Value
Compiler Optimizations	Balanced Size/Speed