

## 1. Description

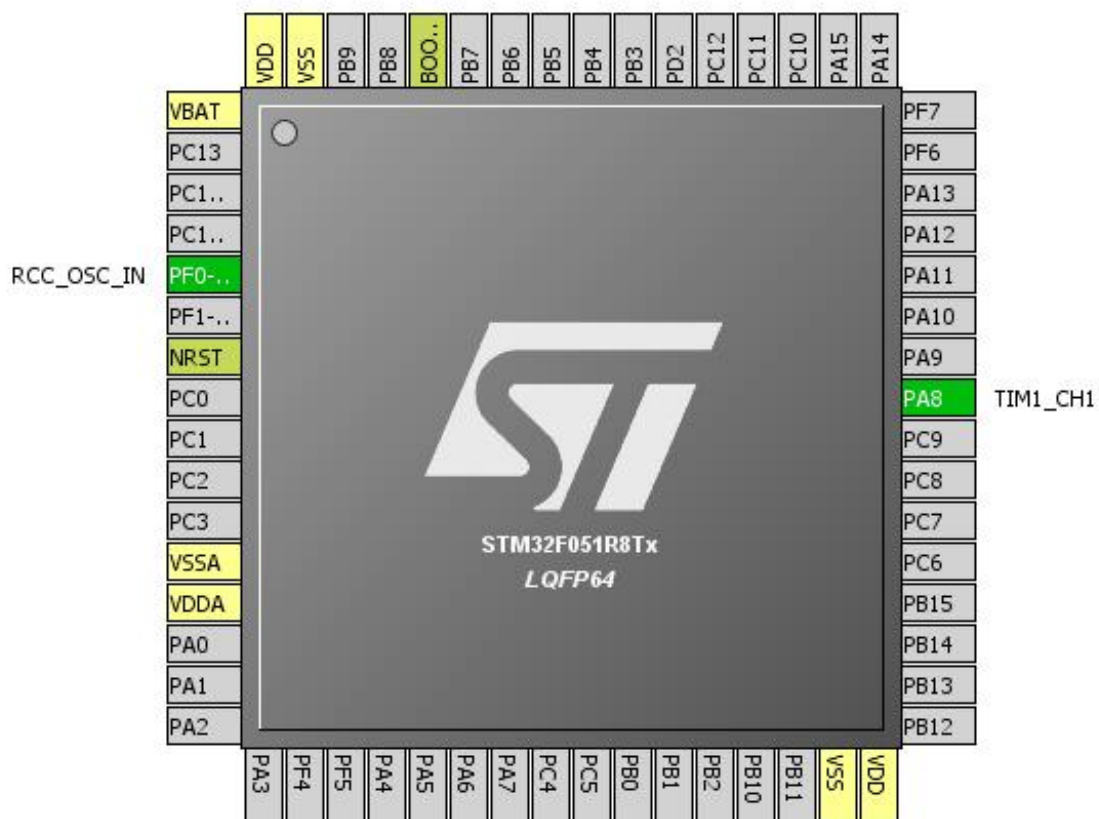
### 1.1. Project

Project Name	TIM_F0_PWM_Output
Generated with:	STM32CubeMX 4.5.0-A1
Date	10/11/2014

### 1.2. MCU

MCU Serie	STM32F0
MCU Line	STM32F0x1
MCU name	STM32F051R8Tx
MCU Package	LQFP64
MCU Pin number	64

## 2. Pinout Configuration



### ***3. IPs and Middlewares Configuration***

IP	Mode	Fonction	Pin
RCC	High Speed Clock (HSE): BYPASS Clock Source	RCC_OSC_IN	PF0-OSC_IN
TIM1	Channel1: PWM Generation CH1	TIM1_CH1	PA8

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

Pin	Pos	Function(s)	Label
PF0-OSC_IN	5	RCC_OSC_IN	
PA8	41	TIM1_CH1	

## **5. Power Plugin report**

### 5.1. Microcontroller Selection

Serie	STM32F0
Line	STM32F0x1
MCU	STM32F051R8Tx
Datasheet	022265_Rev4

### 5.2. Parameter Selection

Temperature	25
Vdd	3.6

## 6. Software Project

### 6.1. Project Settings

Name	Value
Project Name	TIM_F0_PWM_Output
Project Folder	F:\workspaces\Two_Boards_PWM_IO\TIM_F0_PWM_Output
Toolchain / IDE	EWARM 6.70
Firmware Package Name and Version	STM32Cube FW_F0 V1.1.0

### 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	No
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