

1. Description

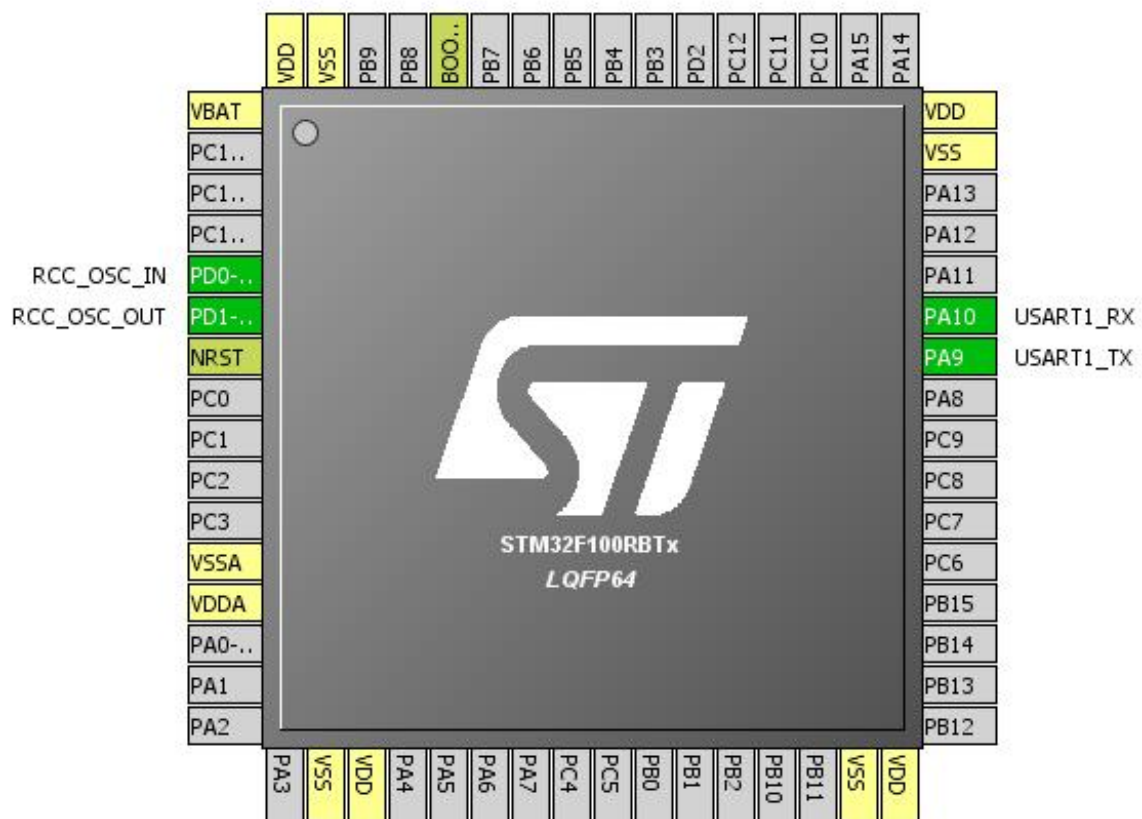
1.1. Project

Project Name	STM32F1CUBE
Generated with:	STM32CubeMX 4.8.0
Date	06/24/2015

1.2. MCU

MCU Serie	STM32F1
MCU Line	STM32F100 Value Line
MCU name	STM32F100RBTx
MCU Package	LQFP64
MCU Pin number	64

2. Pinout Configuration



3. IPs and Middlewares Configuration

IP	Mode	Fonction	Pin
RCC	High Speed Clock (HSE): Crystal/Ceramic Resonator	RCC_OSC_IN	PD0-OSC_IN
		RCC_OSC_OUT	PD1-OSC_OUT
USART1	Mode: Asynchronous	USART1_RX	PA10
		USART1_TX	PA9

4. Pins Configuration

Pin	Pos	Function(s)	Label
PD0-OSC_IN	5	RCC_OSC_IN	
PD1-OSC_OUT	6	RCC_OSC_OUT	
PA9	42	USART1_TX	
PA10	43	USART1_RX	

5. Power Plugin report

5.1. Microcontroller Selection

Serie	STM32F1
Line	STM32F100 Value Line
MCU	STM32F100RBTx
Datasheet	16455_Rev7

5.2. Parameter Selection

Temperature	25
Vdd	3.3

6. Software Project

6.1. Project Settings

Name	Value
Project Name	STM32F1CUBE
Project Folder	C:\home\micro\projects\STM32F1CUBE
Toolchain / IDE	TrueSTUDIO
Firmware Package Name and Version	STM32Cube FW_F1 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	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