

1. Description

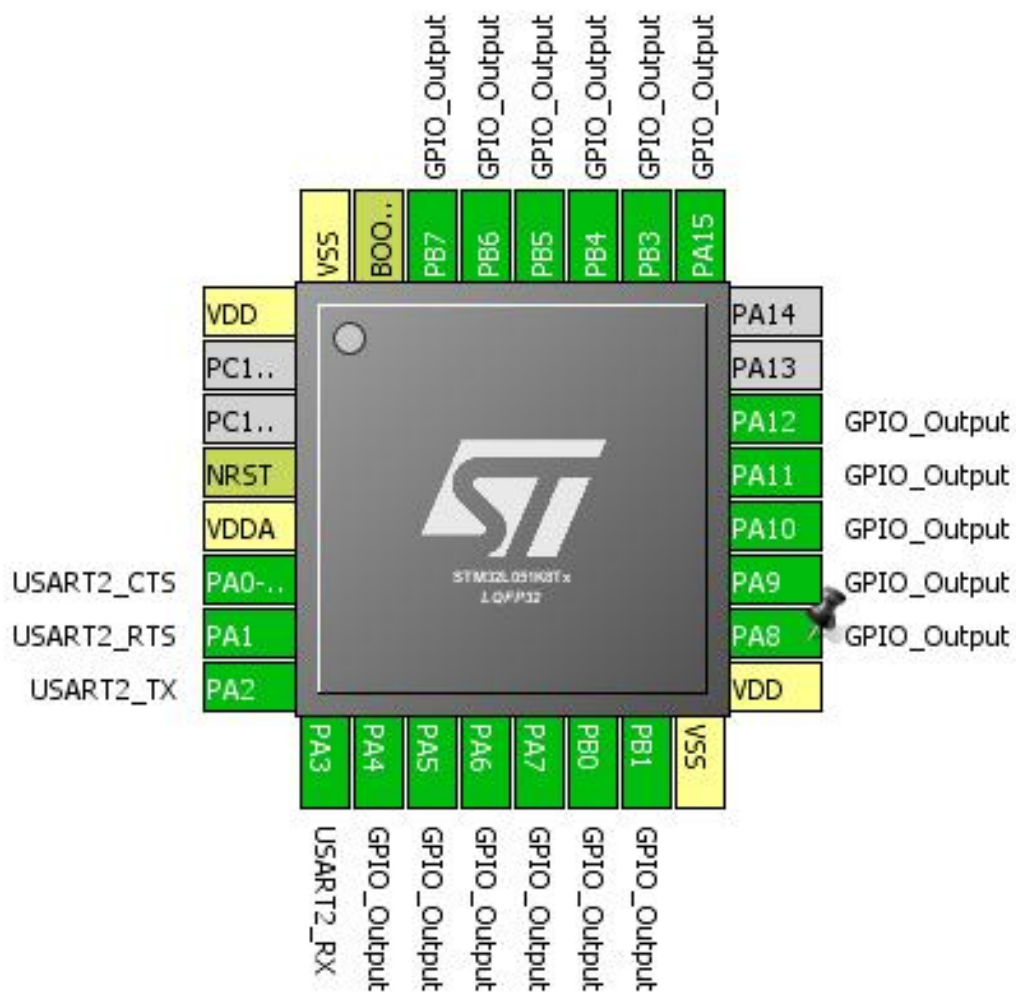
1.1. Project

Project Name	Score_board
Generated with:	STM32CubeMX 4.6.0
Date	04/29/2015

1.2. MCU

MCU Serie	STM32L0
MCU Line	STM32L0x1
MCU name	STM32L051K8Tx
MCU Package	LQFP32
MCU Pin number	32

2. Pinout Configuration



3. IPs and Middlewares Configuration

IP	Mode	Fonction	Pin
USART2	Mode: Asynchronous	USART2_RX	PA3
		USART2_TX	PA2
	Flow Control (RS232): CTS/RTS	USART2_CTS	PA0-WKUP
		USART2_RTS	PA1

4. Pins Configuration

Pin	Pos	Function(s)	Label
PA0-WKUP	6	USART2_CTS	
PA1	7	USART2_RTS	
PA2	8	USART2_TX	
PA3	9	USART2_RX	
PA4 *	10	GPIO_Output	
PA5 *	11	GPIO_Output	
PA6 *	12	GPIO_Output	
PA7 *	13	GPIO_Output	
PB0 *	14	GPIO_Output	
PB1 *	15	GPIO_Output	
PA8 *	18	GPIO_Output	
PA9 *	19	GPIO_Output	
PA10 *	20	GPIO_Output	
PA11 *	21	GPIO_Output	
PA12 *	22	GPIO_Output	
PA15 *	25	GPIO_Output	
PB3 *	26	GPIO_Output	
PB4 *	27	GPIO_Output	
PB5 *	28	GPIO_Output	
PB6 *	29	GPIO_Output	
PB7 *	30	GPIO_Output	

* The pin is affected with an I/O function

5. Power Plugin report

5.1. Microcontroller Selection

Serie	STM32L0
Line	STM32L0x1
MCU	STM32L051K8Tx
Datasheet	025938_Rev3

5.2. Parameter Selection

Temperature	25
Vdd	null

6. Software Project

6.1. Project Settings

Name	Value
Project Name	Score_board
Project Folder	C:\Users\Jax\Desktop\Scored Board Project\Score_board\Score_board
Toolchain / IDE	MDK-ARM 5.10
Firmware Package Name and Version	STM32Cube FW_L0 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