

1. Description

1.1. Project

Project Name	stm8l151
Board Name	custom
Generated with:	STM8CubeMX 1.3.0
Date	01/24/2021

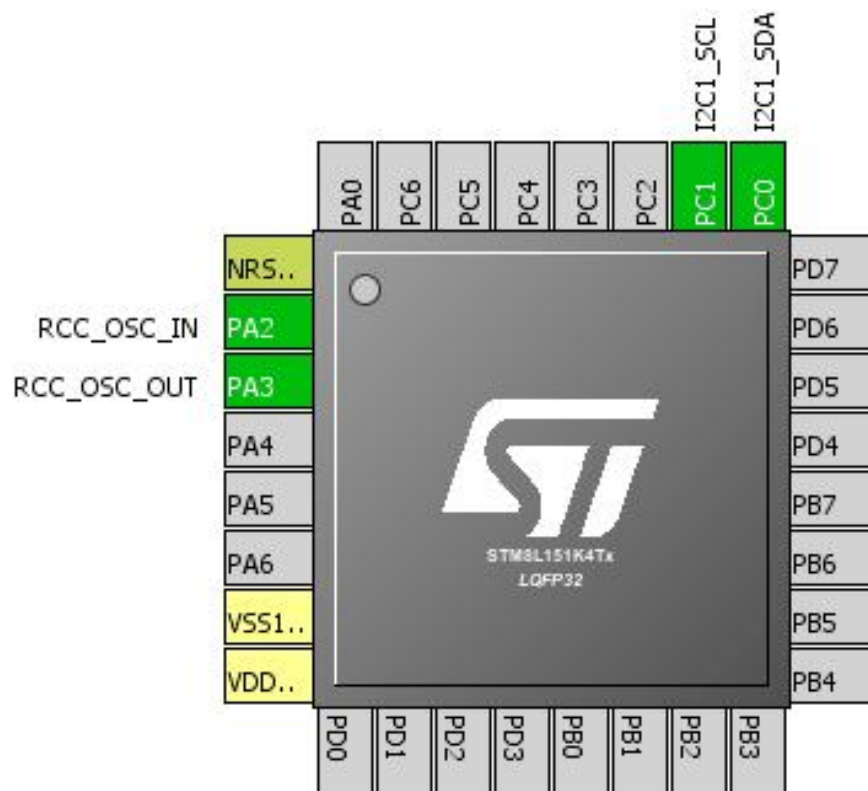
1.2. MCU

MCU Series	STM8L
MCU Line	STM8L151/152
MCU name	STM8L151K4Tx
MCU Package	LQFP32
MCU Pin number	32

1.3. Caution

The report was generated although the configuration was in a modified state. It may be not accurate

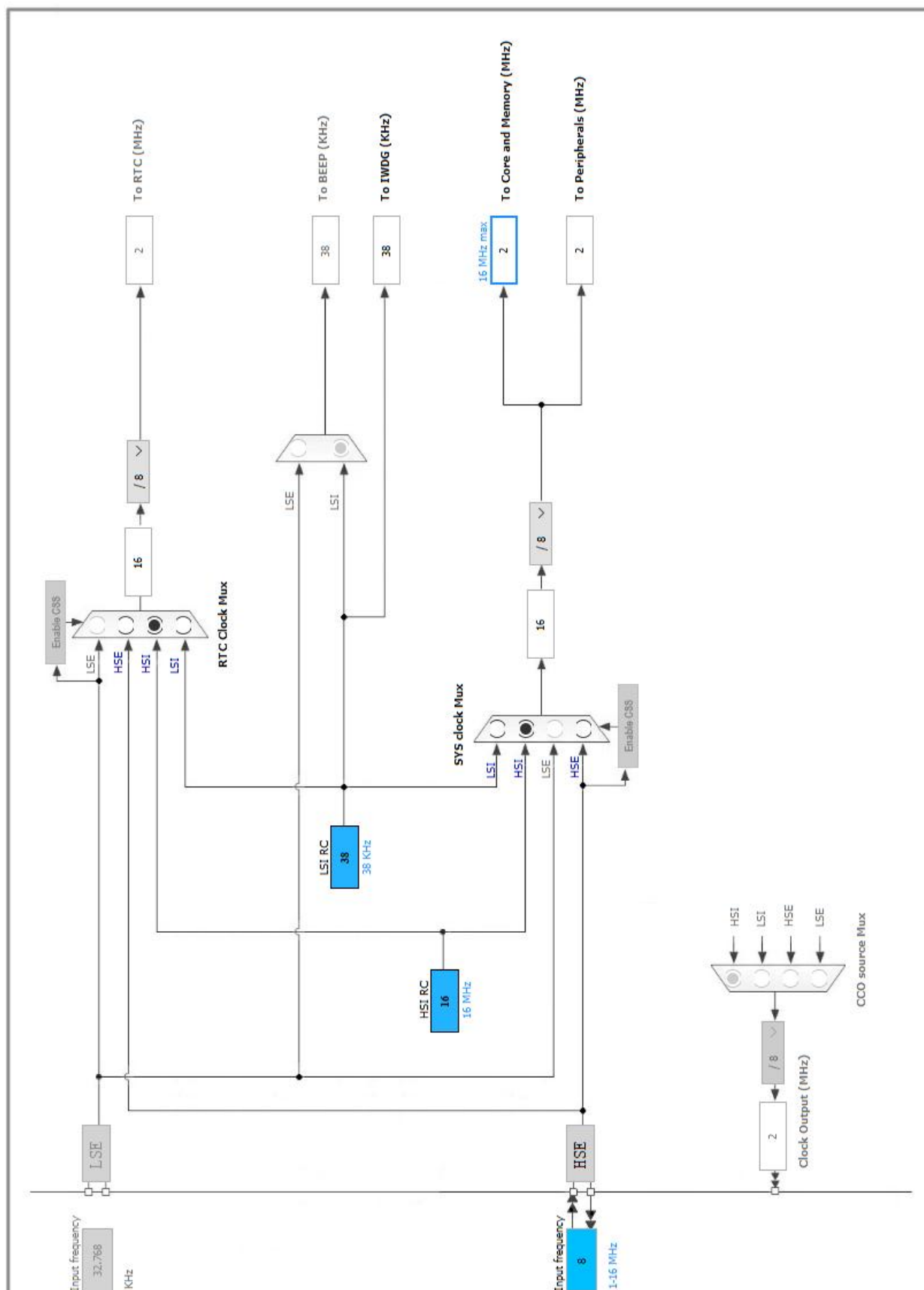
2. Pinout Configuration



3. Pins Configuration

Pin Number LQFP32	Pin Name (function after reset)	Pin Type	Alternate Function(s)	Label
1	NRST/PA1	Reset		
2	PA2	I/O	RCC_OSC_IN	
3	PA3	I/O	RCC_OSC_OUT	
7	VSS1/VSSA/VREF-	Power		
8	VDD1/VDDA/VREF+	Power		
25	PC0	I/O	I2C1_SDA	
26	PC1	I/O	I2C1_SCL	

4. Clock Tree Configuration



5. Power Consumption Calculator report

5.1. Microcontroller Selection

Series	STM8L
Line	STM8L151/152
MCU	STM8L151K4Tx
Datasheet	15962_Rev14

5.2. Parameter Selection

Temperature	25
Vdd	3.0