

## 1. Description

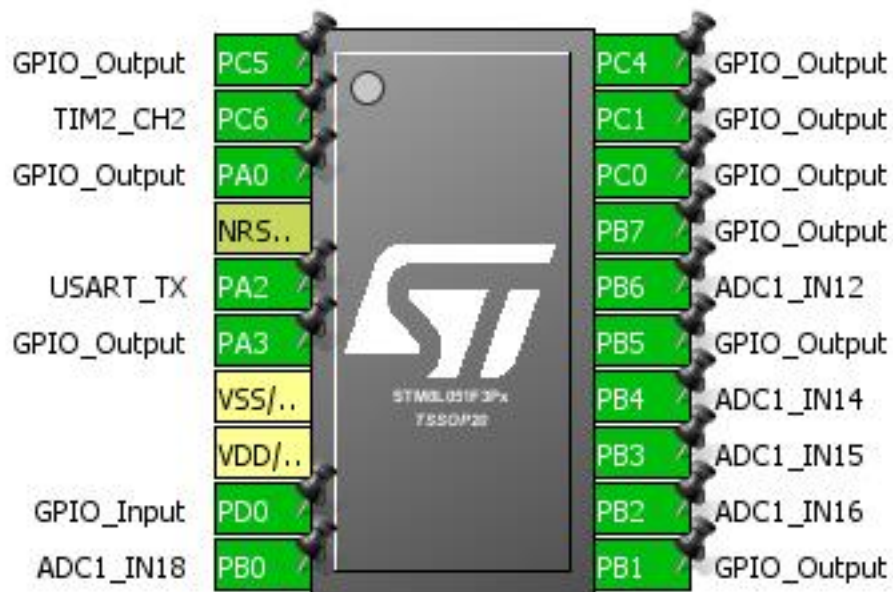
### 1.1. Project

Project Name	RV1099_9S2M
Board Name	No information
Generated with:	STM8CubeMX 1.2.0
Date	10/10/2018

### 1.2. MCU

MCU Series	STM8L
MCU Line	STM8L051/052 Value Line
MCU name	STM8L051F3Px
MCU Package	TSSOP20
MCU Pin number	20

## 2. Pinout Configuration

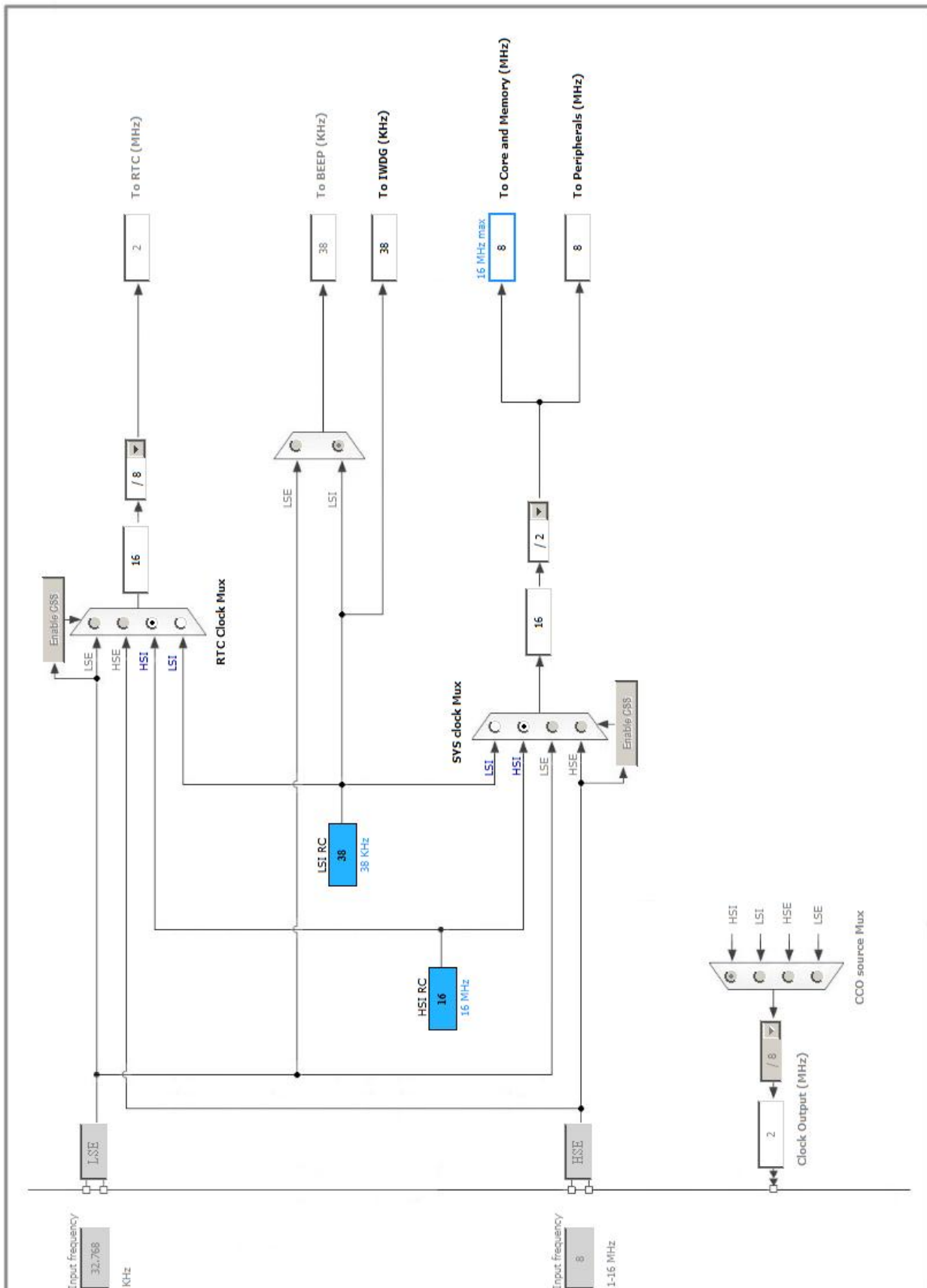


### 3. Pins Configuration

Pin Number TSSOP20	Pin Name (function after reset)	Pin Type	Alternate Function(s)	Label
1	PC5 *	I/O	GPIO_Output	
2	PC6	I/O	TIM2_CH2	
3	PA0 *	I/O	GPIO_Output	
4	NRST/PA1	Reset		
5	PA2	I/O	USART_TX	
6	PA3 *	I/O	GPIO_Output	
7	VSS/VREF-/VSSA	Power		
8	VDD/VDDA/VREF+	Power		
9	PD0 *	I/O	GPIO_Input	
10	PB0	I/O	ADC1_IN18	
11	PB1 *	I/O	GPIO_Output	
12	PB2	I/O	ADC1_IN16	
13	PB3	I/O	ADC1_IN15	
14	PB4	I/O	ADC1_IN14	
15	PB5 *	I/O	GPIO_Output	
16	PB6	I/O	ADC1_IN12	
17	PB7 *	I/O	GPIO_Output	
18	PC0 *	I/O	GPIO_Output	
19	PC1 *	I/O	GPIO_Output	
20	PC4 *	I/O	GPIO_Output	

\* The pin is affected with an I/O function

## 4. Clock Tree Configuration



## ***5. Power Consumption Calculator report***

### 5.1. Microcontroller Selection

Series	STM8L
Line	STM8L051/052 Value Line
MCU	STM8L051F3Px
Datasheet	023465_Rev2

### 5.2. Parameter Selection

Temperature	25
Vdd	3.0