

1. Description

1.1. Project

Project Name	beacon
Board Name	custom
Generated with:	STM8CubeMX 1.5.0
Date	12/15/2021

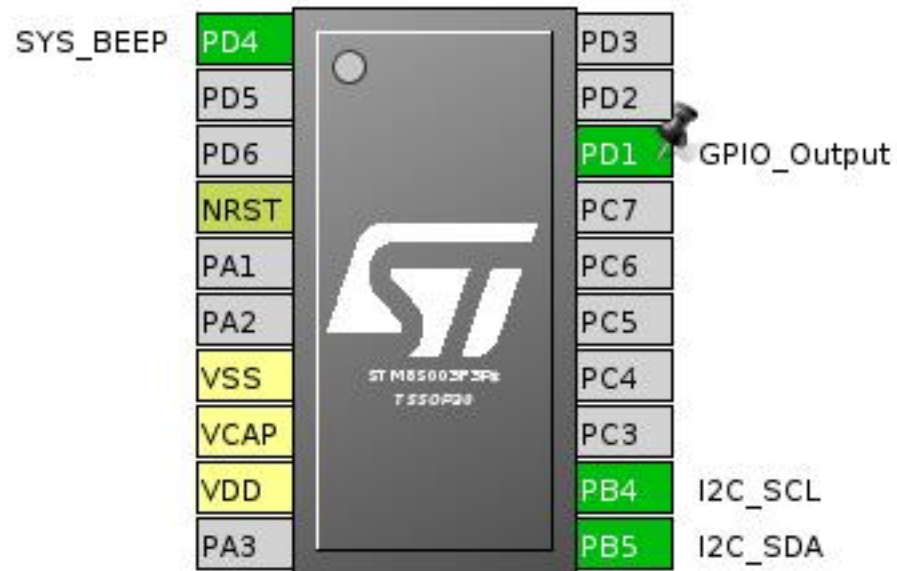
1.2. MCU

MCU Series	STM8S
MCU Line	STM8S Value Line
MCU name	STM8S003F3Px
MCU Package	TSSOP20
MCU Pin number	20

1.3. Caution

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

2. Pinout Configuration

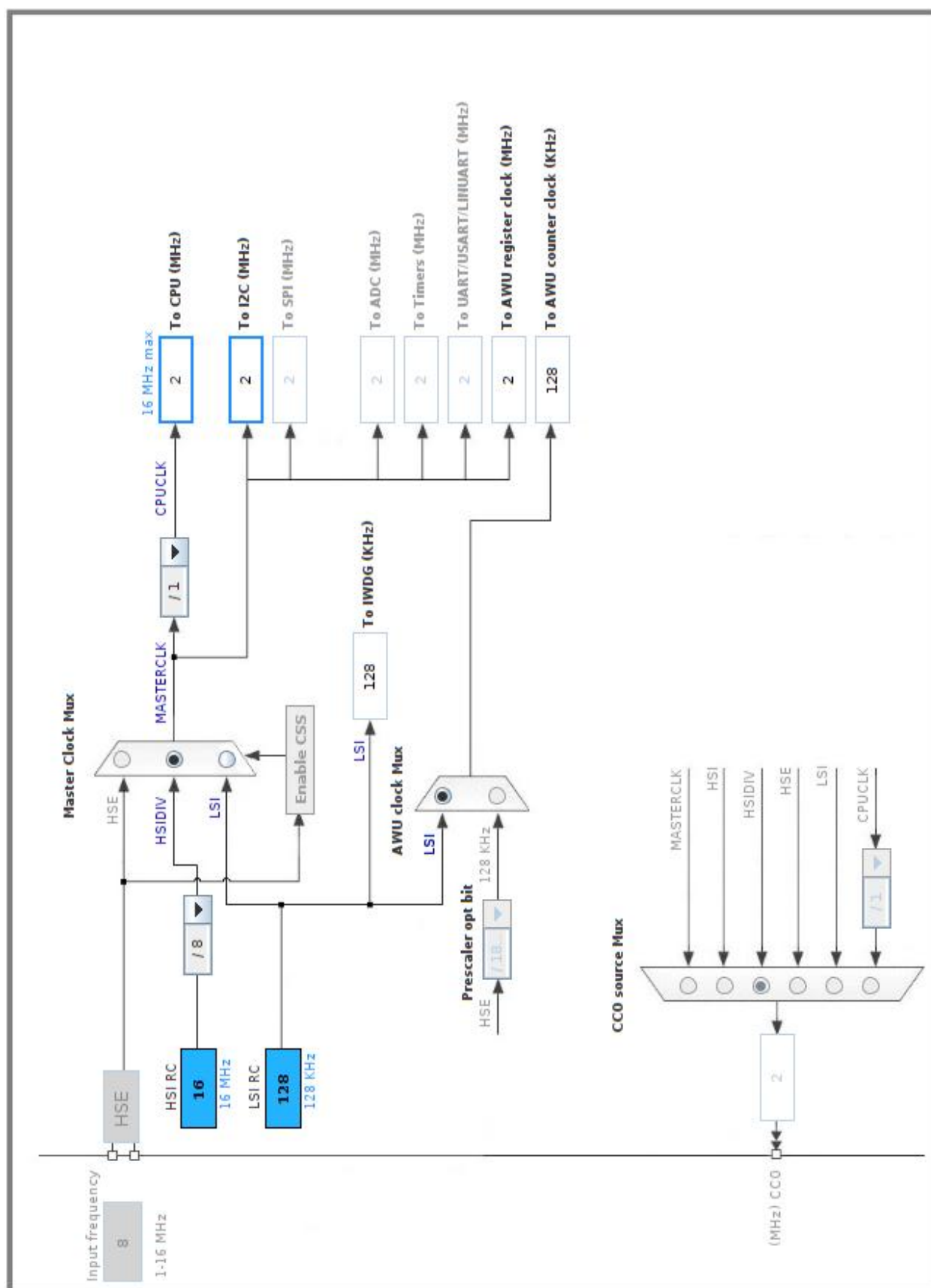


3. Pins Configuration

Pin Number TSSOP20	Pin Name (function after reset)	Pin Type	Alternate Function(s)	Label
1	PD4	I/O	SYS_BEEP	
4	NRST	Reset		
7	VSS	Power		
8	VCAP	Power		
9	VDD	Power		
11	PB5	I/O	I2C_SDA	
12	PB4	I/O	I2C_SCL	
18	PD1 *	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	STM8S
Line	STM8S Value Line
MCU	STM8S003F3Px
Datasheet	18576_Rev8

5.2. Parameter Selection

Temperature	25
Vdd	null