1. Description

1.1. Project

Project Name	sensor_stm8
Board Name	No information
Generated with:	STM8CubeMX 1.5.0
Date	10/24/2021

1.2. MCU

MCU Series	STM8S
MCU Line	STM8S Value Line
MCU name	STM8S003F3Ux
MCU Package	UFQFPN20
MCU Pin number	20

2. Pinout Configuration
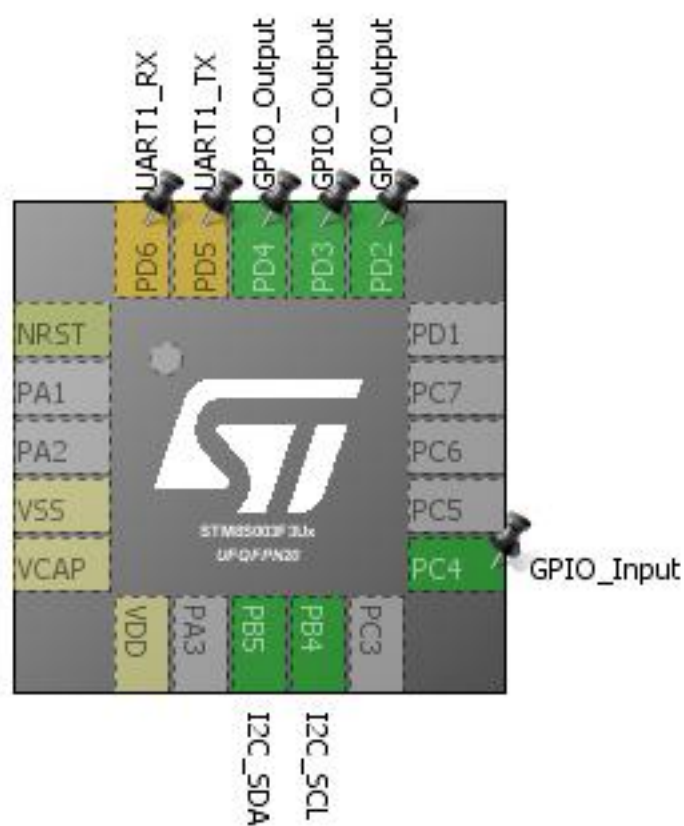
3. Pins Configuration

Pin Number UFQFPN20	Pin Name (function after reset)	Pin Type	Alternate Function(s)	Label
1	NRST	Reset		
4	VSS	Power		
5	VCAP	Power		
6	VDD	Power		
8	PB5	I/O	I2C_SDA	
9	PB4	I/O	I2C_SCL	
11	PC4 *	I/O	GPIO_Input	
16	PD2 *	I/O	GPIO_Output	
17	PD3 *	I/O	GPIO_Output	
18	PD4 *	I/O	GPIO_Output	
19	PD5 **	I/O	UART1_TX	
20	PD6 **	I/O	UART1_RX	

 * The pin is affected with an I/O function

** The pin is affected with a peripheral function but no peripheral mode is activated

4. Clock Tree Configuration
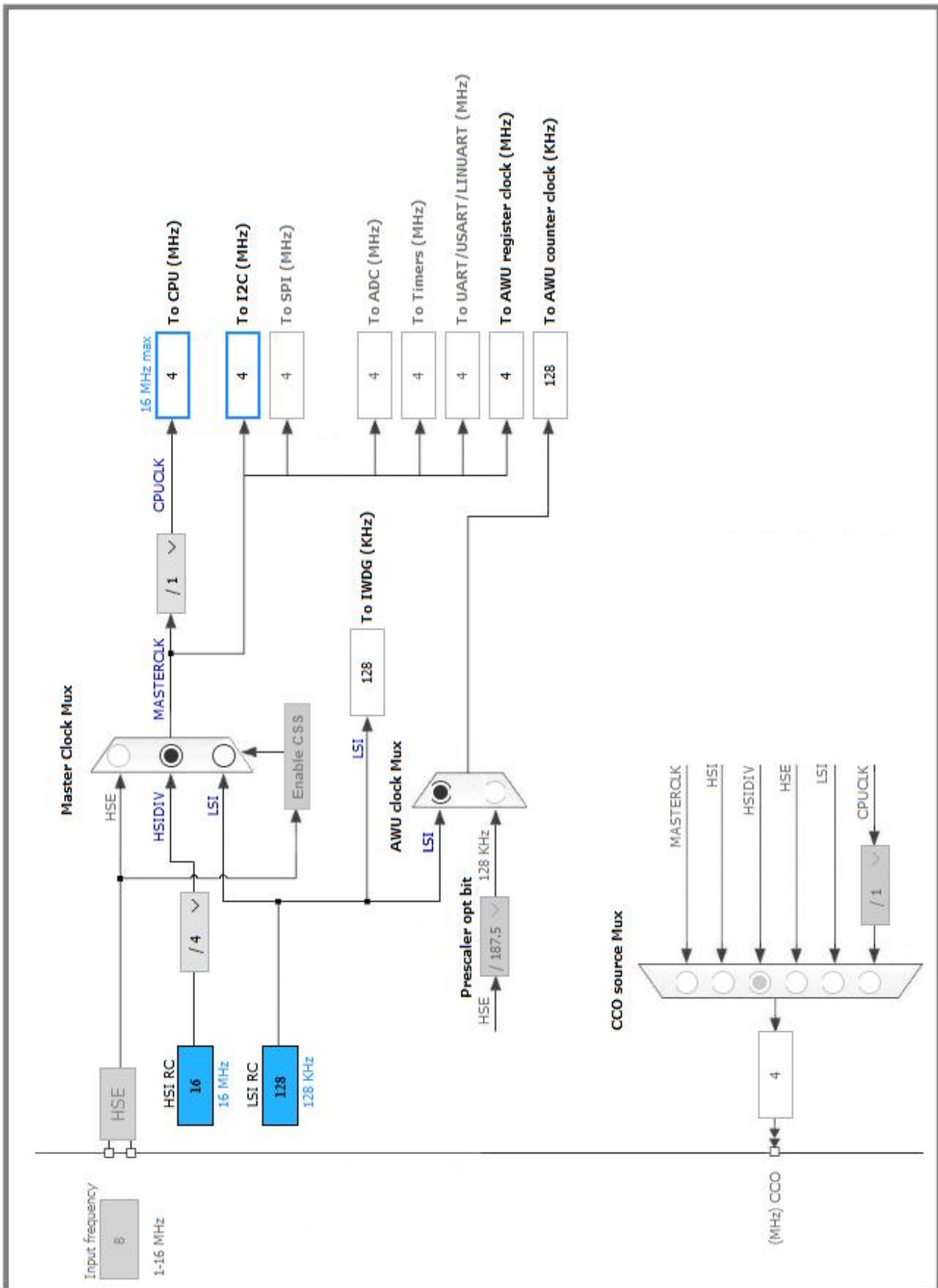
5. Power Consumption Calculator report

5.1. Microcontroller Selection

Series	STM8S
Line	STM8S Value Line
MCU	STM8S003F3Ux
Datasheet	18576_Rev8

5.2. Parameter Selection

Temperature	25
Vdd	null