

## 1. Description

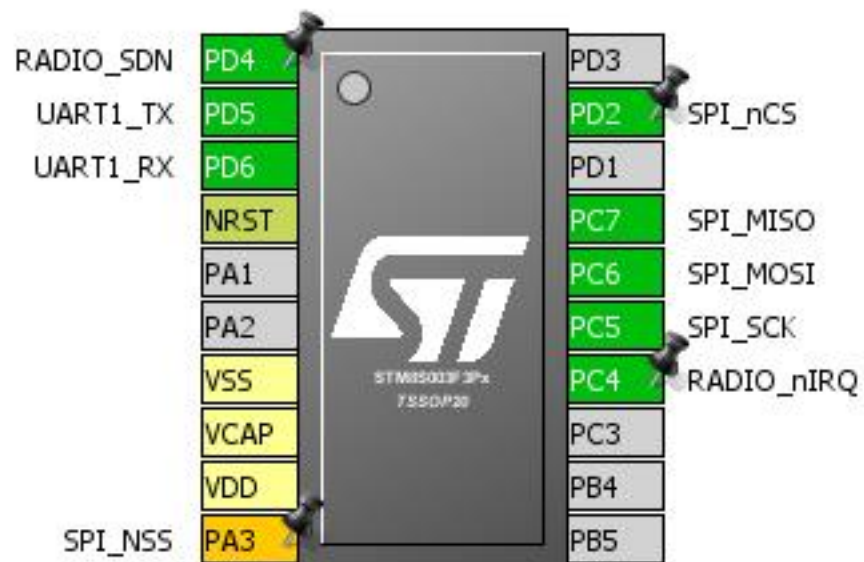
### 1.1. Project

Project Name	hc-12-test
Board Name	No information
Generated with:	STM8CubeMX 1.5.0
Date	10/13/2021

### 1.2. MCU

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

## 2. Pinout Configuration



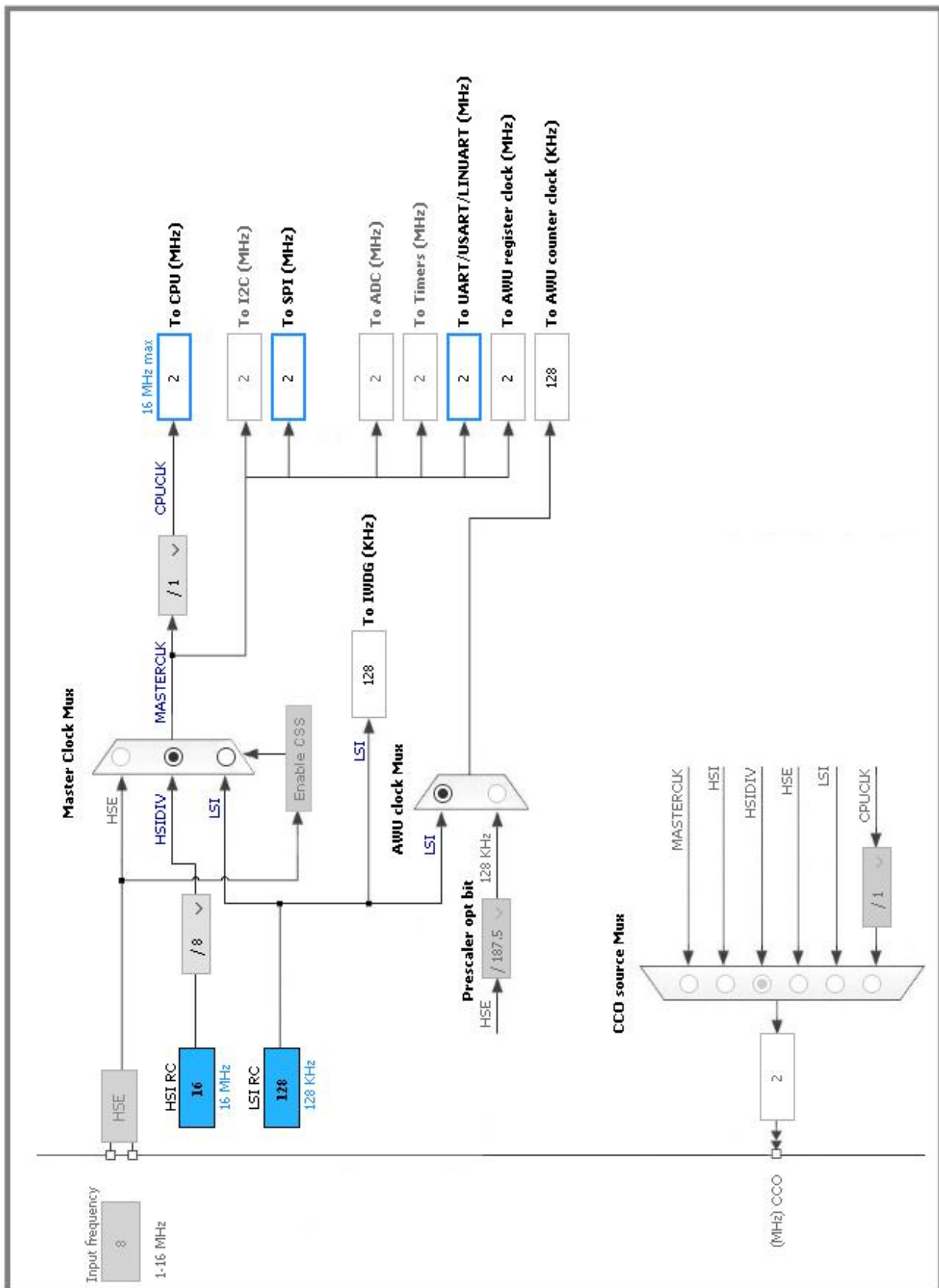
### 3. Pins Configuration

Pin Number TSSOP20	Pin Name (function after reset)	Pin Type	Alternate Function(s)	Label
1	PD4 *	I/O	GPIO_Output	RADIO_SDN
2	PD5	I/O	UART1_TX	
3	PD6	I/O	UART1_RX	
4	NRST	Reset		
7	VSS	Power		
8	VCAP	Power		
9	VDD	Power		
10	PA3 **	I/O	SPI_NSS	
14	PC4 *	I/O	GPIO_Input	RADIO_nIRQ
15	PC5	I/O	SPI_SCK	
16	PC6	I/O	SPI_MOSI	
17	PC7	I/O	SPI_MISO	
19	PD2 *	I/O	GPIO_Output	SPI_nCS

\* 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	STM8S003F3Px
Datasheet	18576_Rev8

### 5.2. Parameter Selection

Temperature	25
Vdd	null