

## 1. Description

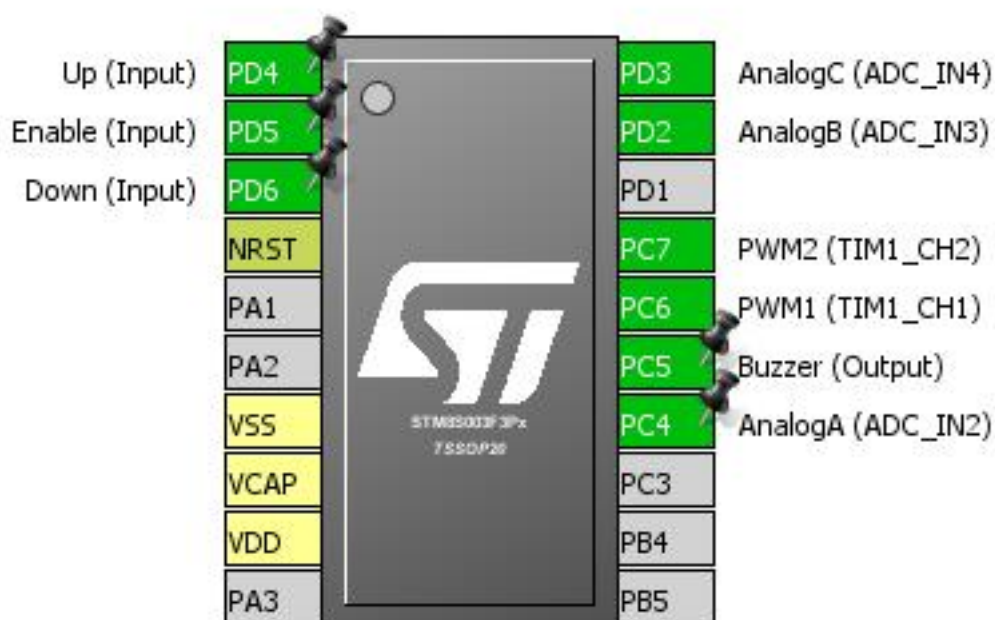
### 1.1. Project

Project Name	gpioTest
Board Name	No information
Generated with:	STM8CubeMX 1.5.0
Date	05/26/2023

### 1.2. MCU

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

## 2. Pinout Configuration

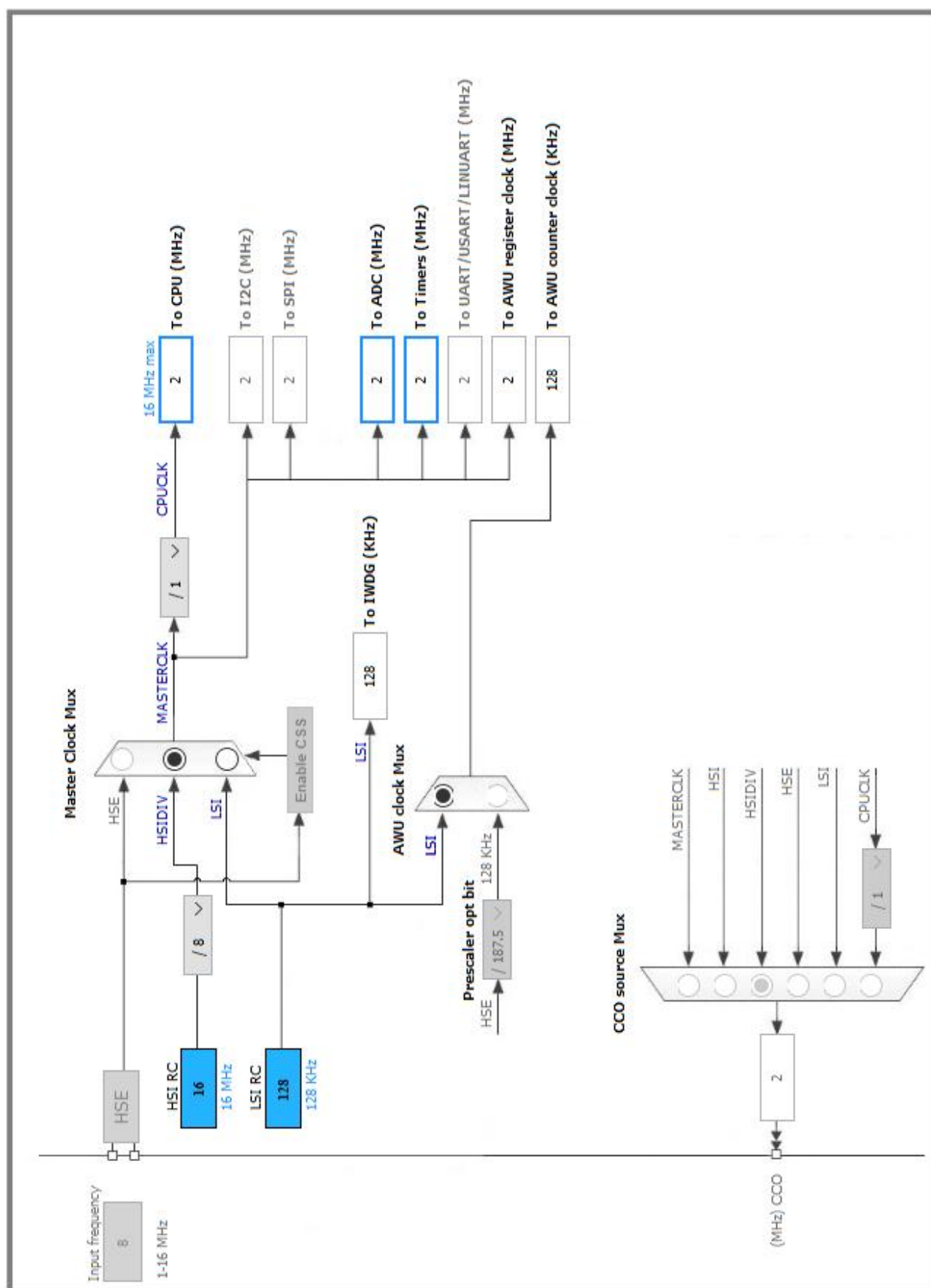


### 3. Pins Configuration

Pin Number TSSOP20	Pin Name (function after reset)	Pin Type	Alternate Function(s)	Label
1	PD4 *	I/O	GPIO_Input	Up (Input)
2	PD5 *	I/O	GPIO_Input	Enable (Input)
3	PD6 *	I/O	GPIO_Input	Down (Input)
4	NRST	Reset		
7	VSS	Power		
8	VCAP	Power		
9	VDD	Power		
14	PC4	I/O	ADC_IN2	AnalogA (ADC_IN2)
15	PC5 *	I/O	GPIO_Output	Buzzer (Output)
16	PC6	I/O	TIM1_CH1	PWM1 (TIM1_CH1)
17	PC7	I/O	TIM1_CH2	PWM2 (TIM1_CH2)
19	PD2	I/O	ADC_IN3	AnalogB (ADC_IN3)
20	PD3	I/O	ADC_IN4	AnalogC (ADC_IN4)

\* 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