

1. Description

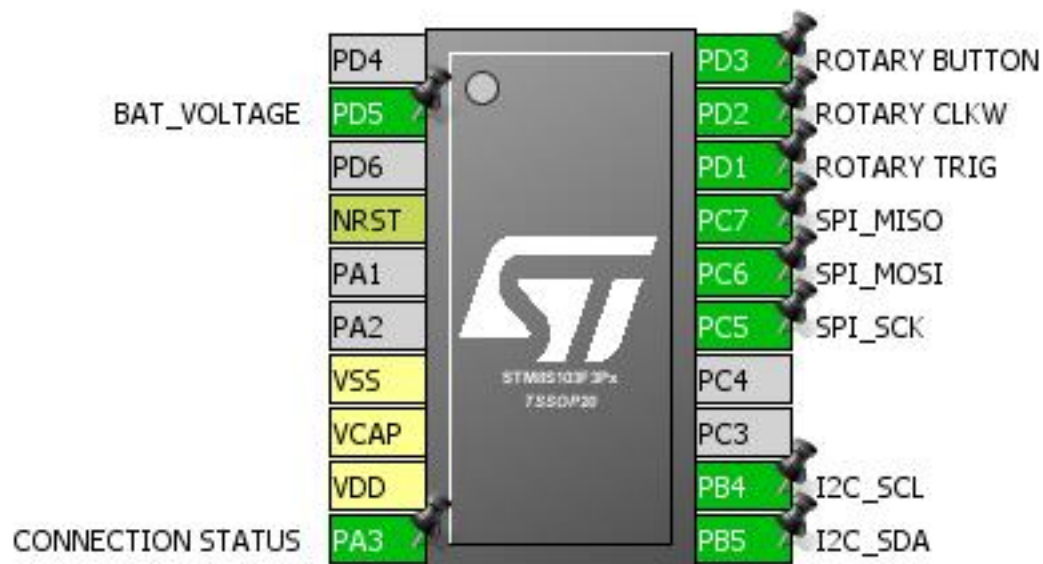
1.1. Project

Project Name	EQController
Board Name	No information
Generated with:	STM8CubeMX 1.5.0
Date	10/24/2022

1.2. MCU

MCU Series	STM8S
MCU Line	STM8S103/105
MCU name	STM8S103F3Px
MCU Package	TSSOP20
MCU Pin number	20

2. Pinout Configuration

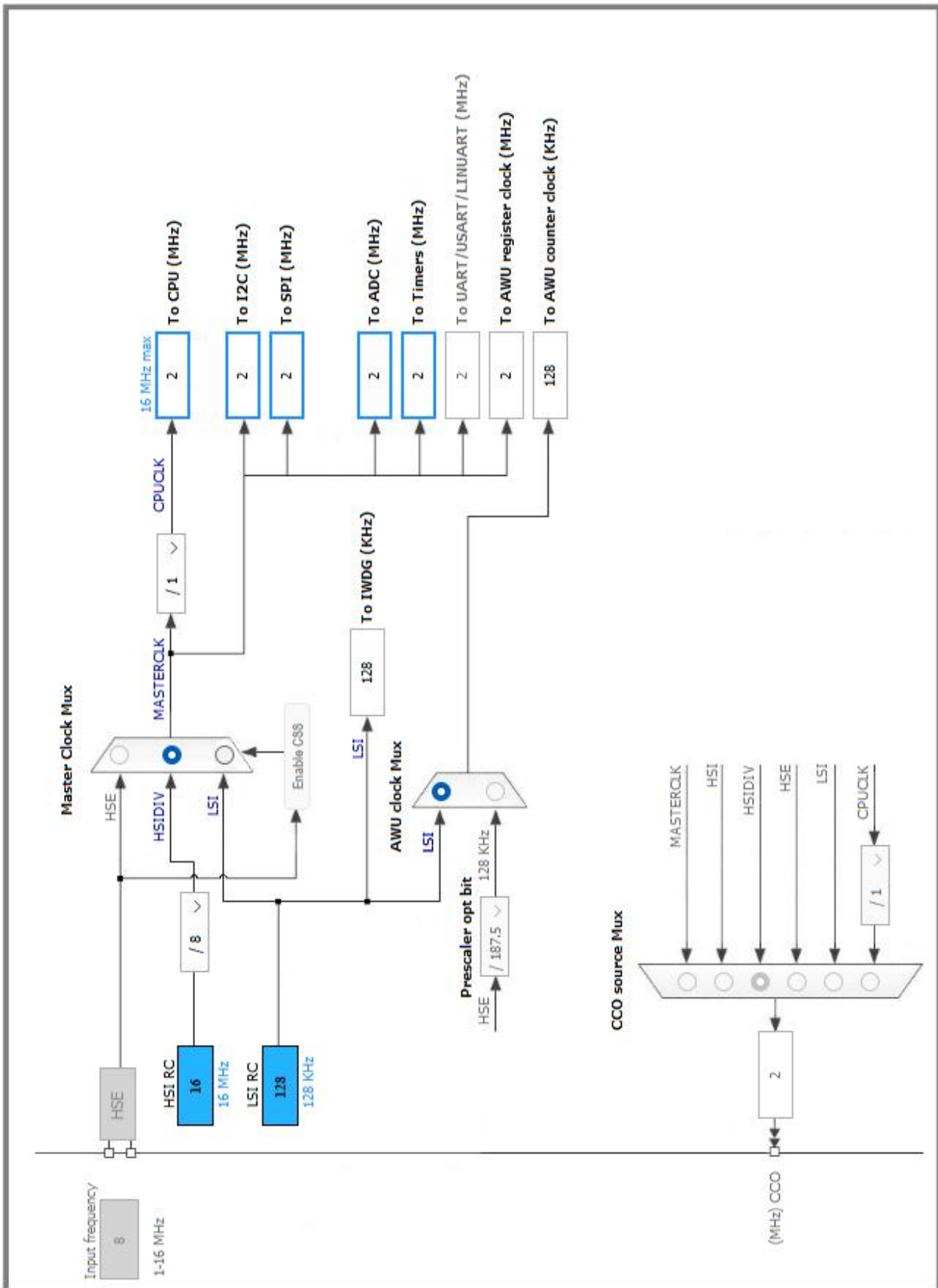


3. Pins Configuration

Pin Number TSSOP20	Pin Name (function after reset)	Pin Type	Alternate Function(s)	Label
2	PD5	I/O	ADC_IN5	BAT_VOLTAGE
4	NRST	Reset		
7	VSS	Power		
8	VCAP	Power		
9	VDD	Power		
10	PA3	I/O	TIM2_CH3	CONNECTION STATUS
11	PB5	I/O	I2C_SDA	
12	PB4	I/O	I2C_SCL	
15	PC5	I/O	SPI_SCK	
16	PC6	I/O	SPI_MOSI	
17	PC7	I/O	SPI_MISO	
18	PD1 *	I/O	GPIO_Input	ROTARY TRIG
19	PD2 *	I/O	GPIO_Input	ROTARY CLKW
20	PD3 *	I/O	GPIO_Input	ROTARY BUTTON

* 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	STM8S103/105
MCU	STM8S103F3Px
Datasheet	15441_Rev13

5.2. Parameter Selection

Temperature	25
Vdd	null