

1. Description

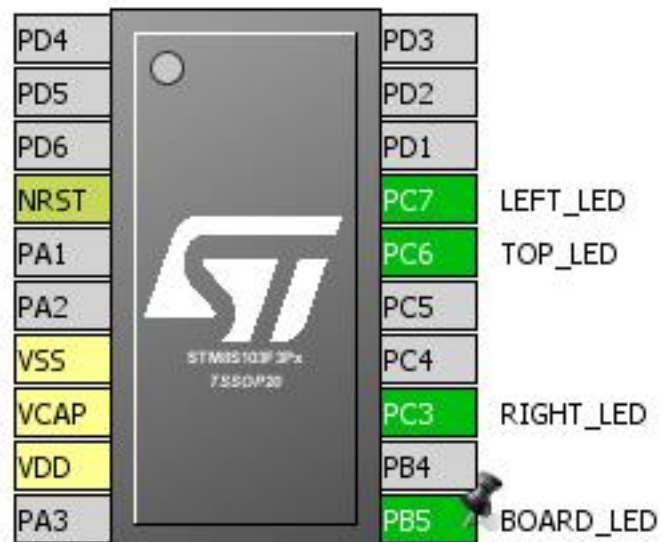
1.1. Project

Project Name	sfp
Board Name	No information
Generated with:	STM8CubeMX 1.1.0
Date	09/17/2017

1.2. MCU

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

2. Pinout Configuration

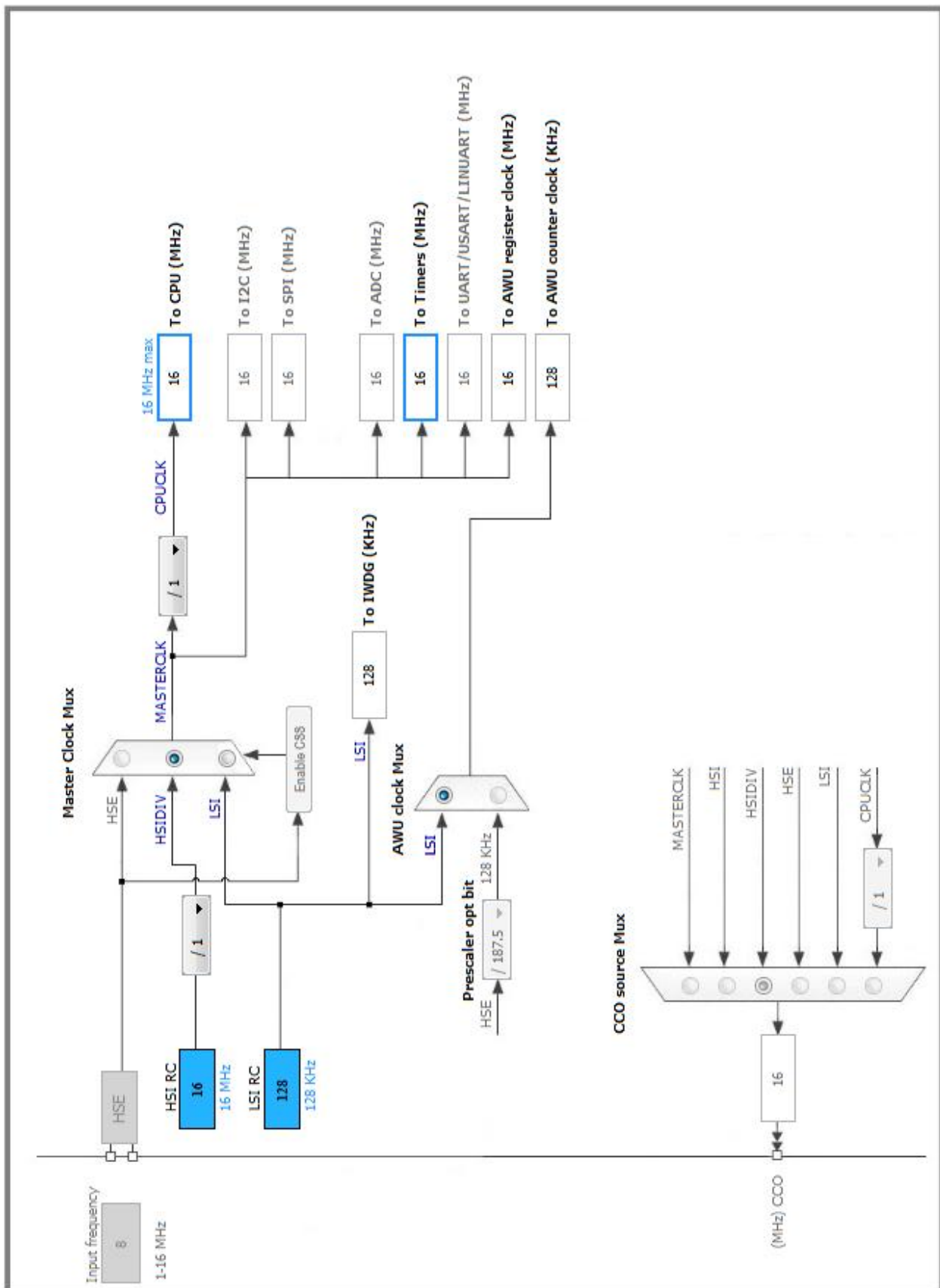


3. Pins Configuration

Pin Number TSSOP20	Pin Name (function after reset)	Pin Type	Alternate Function(s)	Label
4	NRST	Reset		
7	VSS	Power		
8	VCAP	Power		
9	VDD	Power		
11	PB5 *	I/O	GPIO_Output	BOARD_LED
13	PC3	I/O	TIM1_CH3	RIGHT_LED
16	PC6	I/O	TIM1_CH1	TOP_LED
17	PC7	I/O	TIM1_CH2	LEFT_LED

* 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	3.3

5.3. Battery Selection

Battery	Alkaline(AAA LR03)
Capacity	1250.0 mAh
Self Discharge	0.3 %/month
Nominal Voltage	1.5 V
Max Cont Current	400.0 mA
Max Pulse Current	0.0 mA
Cells in series	1
Cells in parallel	1