

```
1  #include "stm32f10x.h"
2  #include "clock.h"
3  #include "ADC1.h"
4  #include "PWM.h"
5  #include "main.h"
6  #include "I2C_stm32f10x.h"
7  #include "Driver_I2C.h"
8
9  void initInfrared()
10 {
11     RCC->APB2ENR |= RCC_APB2ENR_IOPBEN ;
12
13     //Turn PB7 into input, recieve from ultrasound echo
14     GPIOB->CRH |= GPIO_CRH_CNF15_0;
15
16     //Turn PB7 into input, recieve from ultrasound echo
17     GPIOB->CRH |= GPIO_CRH_CNF14_0;
18
19 }
```