

```
1  /*****
2   * Name:      TIM.h
3   * Description: STM32 Timer 1 initialization and functions
4   * Version: V1.00
5   * Author: Ammar Alvi & Shannon D'Souza
6   *
7   * This software is supplied "AS IS" without warranties of any kind.
8   *
9   *****/
10 #include <stdint.h>
11
12 void TIM1_PWM_init(void);
13 void TIM1_Brake(void);
14 void TIM1_Forward(void);
15 void TIM1_TurnLeft(void);
16 void TIM1_TurnRight(void);
17 void TIM1_ForwardAdj(uint8_t val);
18
19
```