

tim.h

```
1 /**
2  ****
3  * File Name      : TIM.h
4  * Description    : This file provides code for the configuration
5  *                  of the TIM instances.
6  ****
7  * @attention
8  *
9  * <h2><center>&copy; Copyright (c) 2021 STMicroelectronics.
10 * All rights reserved.</center></h2>
11 *
12 * This software component is licensed by ST under BSD 3-Clause license,
13 * the "License"; You may not use this file except in compliance with the
14 * License. You may obtain a copy of the License at:
15 *                  opensource.org/licenses/BSD-3-Clause
16 *
17 ****
18 */
19 /* Define to prevent recursive inclusion -----*/
20 #ifndef __tim_H
21 #define __tim_H
22 #ifdef __cplusplus
23 extern "C" {
24 #endif
25
26 /* Includes -----*/
27 #include "main.h"
28
29 /* USER CODE BEGIN Includes */
30
31 /* USER CODE END Includes */
32
33 extern TIM_HandleTypeDef htim1;
34 extern TIM_HandleTypeDef htim2;
35 extern TIM_HandleTypeDef htim3;
36 extern TIM_HandleTypeDef htim4;
37 extern TIM_HandleTypeDef htim8;
38 extern TIM_HandleTypeDef htim10;
39 extern TIM_HandleTypeDef htim14;
40
41 /* USER CODE BEGIN Private defines */
42
43 /* USER CODE END Private defines */
44
45 void MX_TIM1_Init(void);
46 void MX_TIM2_Init(void);
47 void MX_TIM3_Init(void);
48 void MX_TIM4_Init(void);
49 void MX_TIM8_Init(void);
50 void MX_TIM10_Init(void);
51 void MX_TIM14_Init(void);
52
53 void HAL_TIM_MspPostInit(TIM_HandleTypeDef *htim);
54
55 /* USER CODE BEGIN Prototypes */
56
57 /* USER CODE END Prototypes */
58
59 #ifdef __cplusplus
60 }
61 #endif
62 #endif /* __tim_H */
```

tim.h

```
63
64 /**
65  * @}
66  */
67
68 /**
69  * @}
70  */
71
72 /***** (C) COPYRIGHT STMicroelectronics *****/
73
```