

PWM task

task1

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1 File Index	1
1.1 File List	1
2 File Documentation	3
2.1 E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/GPIO.c File Reference	3
2.1.1 Function Documentation	3
2.1.1.1 GPIOInit()	3
2.2 E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/GPIO.h File Reference	3
2.2.1 Macro Definition Documentation	4
2.2.1.1 OC1A	4
2.2.1.2 OC1B	4
2.2.2 Function Documentation	4
2.2.2.1 GPIOInit()	4
2.3 E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/main.c File Reference	4
2.3.1 Macro Definition Documentation	5
2.3.1.1 F_CPU	5
2.3.2 Function Documentation	5
2.3.2.1 main()	5
2.4 E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/Timer1.c File Reference	5
2.4.1 Function Documentation	5
2.4.1.1 Timer1Init()	5
2.5 E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/Timer1.h File Reference	5
2.5.1 Macro Definition Documentation	6
2.5.1.1 OCFA	6
2.5.1.2 OCFB	6
2.5.2 Function Documentation	6
2.5.2.1 Timer1Init()	6
Index	7

Chapter 1

File Index

1.1 File List

Here is a list of all files with brief descriptions:

E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/GPIO.c . . .	3
E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/GPIO.h . . .	3
E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/main.c . . .	4
E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/Timer1.c . . .	5
E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/Timer1.h . . .	5

Chapter 2

File Documentation

2.1 E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/GPIO.c File Reference

```
#include "GPIO.h"  
#include <avr/io.h>
```

Functions

- void [GPIOInit](#) (void)

2.1.1 Function Documentation

2.1.1.1 GPIOInit()

```
void GPIOInit (  
    void )
```

2.2 E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/GPIO.h File Reference

Macros

- #define [OC1A](#) 1
- #define [OC1B](#) 2

Functions

- void `GPIOInit` (void)

2.2.1 Macro Definition Documentation

2.2.1.1 OC1A

```
#define OC1A 1
```

2.2.1.2 OC1B

```
#define OC1B 2
```

2.2.2 Function Documentation

2.2.2.1 GPIOInit()

```
void GPIOInit (  
    void )
```

2.3 E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/main.c File Reference

```
#include <avr/io.h>  
#include "GPIO.h"  
#include "Timer1.h"
```

Macros

- #define `F_CPU` 8000000UL

Functions

- int `main` (void)

2.3.1 Macro Definition Documentation

2.3.1.1 F_CPU

```
#define F_CPU 8000000UL
```

2.3.2 Function Documentation

2.3.2.1 main()

```
int main (
    void )
```

2.4 E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/Timer1.c File Reference

```
#include "Timer1.h"
```

Functions

- void [Timer1Init](#) ()

2.4.1 Function Documentation

2.4.1.1 Timer1Init()

```
void Timer1Init ( )
```

2.5 E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/Timer1.h File Reference

```
#include <avr/io.h>
```

Macros

- `#define` [OCFA](#) 1
- `#define` [OCFB](#) 2

Functions

- `void` [Timer1Init](#) (`void`)

2.5.1 Macro Definition Documentation

2.5.1.1 OCFA

```
#define OCFA 1
```

2.5.1.2 OCFB

```
#define OCFB 2
```

2.5.2 Function Documentation

2.5.2.1 Timer1Init()

```
void Timer1Init (  
    void )
```

Index

E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/GPIO.c, 3
Timer1.c, 5
Timer1.h, 6

E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/GPIO.h, 3

E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/main.c, 4

E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/Timer1.c, 5

E:/Courses/Embedded Systems CMP/PWM/PWM-Task/GccApplication1/GccApplication1/Timer1.h, 5

F_CPU
main.c, 5

GPIO.c
GPIOInit, 3

GPIO.h
GPIOInit, 4
OC1A, 4
OC1B, 4

GPIOInit
GPIO.c, 3
GPIO.h, 4

main
main.c, 5

main.c
F_CPU, 5
main, 5

OC1A
GPIO.h, 4

OC1B
GPIO.h, 4

OCFA
Timer1.h, 6

OCFB
Timer1.h, 6

Timer1.c
Timer1Init, 5

Timer1.h
OCFA, 6
OCFB, 6
Timer1Init, 6

Timer1Init