

# watchdog-timer-realtek-amebad

## *User Manual*



|            |   |
|------------|---|
| Reference: | TLT-XXX-MAN-watchdog-timer-realtek-amebad-watchdog-timer-realtek-amebad |
| Version:   | 2.1.0   |
| Revision:  | XXX   |

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# Chapter 1. File Documentation

## 1.1. watchdog\_timer\_realtek\_AmebaD\_configuration.h File Reference

```
#include <stdint.h>
```

### 1.1.1. Macros

- #define WATCHDOG\_TIMER\_REALTEK\_AMEBAD\_CONFIGURATION\_VERSION (1)

*Compatibility sanity check value. This define value is checked in the implementation to validate that the version of this configuration is compatible with the implementation.*

- #define WATCHDOG\_TIMER\_TIMEOUT\_MS 30000

*The timeout (in milliseconds) of the hardware watchdog timer.*

- #define WATCHDOG\_TIMER\_INTERRUPT\_MODE 0

- #define WATCHDOG\_TIMER\_RESET\_MODE 1

- #define WATCHDOG\_TIMER\_MODE WATCHDOG\_TIMER\_RESET\_MODE

*Selects the watchdog mode. Reset mode selected by default.*

## Detailed Description

WATCHDOG TIMER REALTEK AMEBAD CCO configuration file.

Author: . MicroEJ Developer Team

Version: . 2.1.0

Date: . 2 May 2022

Definition in file C:/Jenkins/workspace/masterb3bc3cf4/watchdog-timer-realtek-amebad/target~\ccomponentWorking\bsp/watchdog-timer/inc/watchdog\_timer\_realtek\_AmebaD\_configuration.h

## 1.2. watchdog\_timer\_realtek\_AmebaD.c File Reference

```
#include <watchdog_timer_realtek_AmebaD_configuration.h>
```

```
#include "wdt_api.h"
```

```
#include "LLWATCHDOG_TIMER_configuration.h"
```

```
#include "LLWATCHDOG_TIMER_impl.h"
```

```
#include "watchdog_timer_helper.h"
```

## 1.2.1. Functions

- int32\_t LLWATCHDOG\_TIMER\_IMPL\_init\_action ( void )
- int32\_t LLWATCHDOG\_TIMER\_IMPL\_start\_action ( void )
- int32\_t LLWATCHDOG\_TIMER\_IMPL\_stop\_action ( void )
- int32\_t LLWATCHDOG\_TIMER\_IMPL\_refresh\_action ( void )
- uint8\_t LLWATCHDOG\_TIMER\_IMPL\_isResetCause\_action ( void )
- int32\_t LLWATCHDOG\_TIMER\_IMPL\_getWatchdogTimeoutMs\_action ( void )

## Detailed Description

WATCHDOG TIMER REALTEK AMEBAD CCO implementation file.

Author: . MicroEJ Developer Team

Version: . 2.1.0

Date: . 2 May 2022

Definition in file C:/Jenkins/workspace/masterb3bc3cf4/watchdog-timer-realtek-amebad/target~/ccomponentWorking/bsp/watchdog-timer/src/watchdog\_timer\_realtek\_AmebaD.c