WatchdogTimer Module

Release Notes

TEXAS INSTRUMENTS

Contents

WatchdogTimer Module
version 01.00.00.03

Overview

This document provides the release information for the latest WatchdogTimer Module which should be used by an application to setup and use a DSPs local timer as a watchdog timer.

Consumer Library includes:

- Compiled library (Big and Little) Endian of WatchdogTimer Module
- Source code.
- API reference guide

Library Dependencies

Library is dependent on following external components:

- BIOS
- XDC

New/Updated Features and Quality

This is an **engineering release**, tested by the development team.

Release 1.0.0.3

o Packaging changes to support makefile and device-dependent libraries

Release 1.0.0.2

o Merged WatchdogTimer support for Keystone I and II devices into single deliverable

Release 1.0.0.1

o Included Watchdog Timer test project as part of pdkProjectCreate scripting

Release 1.0.0.0

o Initial release of WatchdogTimer Module

Resolved Incident Reports (IR)

Table 1 provides information on IR resolutions incorporated into this release.

Table 1   Resolved IRs for this Release

IR Parent/ Child Number	Severity Level	IR Description

Known Issues/Limitations

IR Parent/ Child Number	Severity Level	IR Description

Licensing

Please refer to the software Manifest document for the details.

Delivery Package

There is no separate delivery package. The consumer library is being delivered as part of PDK.
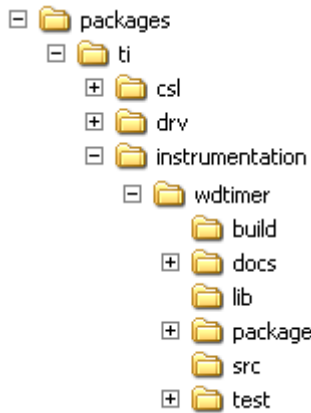
Installation Instructions

The library is currently bundled as part of Platform Development Kit (PDK). Refer installation instruction to the release notes provided for PDK.

Directory structure

The following is the directory structure after the consumer library package has been installed:

```
⊟ 📁 packages
   ⊟ 📁 ti
      ⊞ 📁 csl
      ⊞ 📁 drv
      ⊟ 📁 instrumentation
         ⊟ 📁 wdtimer
               📁 build
            ⊞ 📁 docs
               📁 lib
            ⊞ 📁 package
               📁 src
            ⊞ 📁 test
```

The following table explains each individual directory:

Directory Name	Description
ti/instrumentation/wdtimer	The top level directory contains the following:- 1. *XDC Build and Package files* These files (`config.bld`, `package.xdc` etc) are the XDC build files which are used to create the library package. 2. *Exported Driver header file* Header files which are provided by the library and should be used by the application developers for library customization and usage.
ti/instrumentation/wdtimer/build	The directory contains internal XDC build related files which are used to create the library package.
ti/instrumentation/wdtimer/docs	The directory contains the library documentation.
ti/instrumentation/wdtimer/lib	The "`lib`" folder has pre-built Big and Little Endian libraries for the library along with their *code/data size information*.
ti/instrumentation/wdtimer/package	Internal package files.
ti/instrumentation/wdtimer/src	Source code for the library.
ti/instrumentation/wdtimer/test	The "test" directory has unit test cases which are used by the development team to test the Watchdog Timer Module.

Customer Documentation List

Table 2 lists the documents that are accessible through the **/docs** folder on the product installation CD or in the delivery package.

Table 2   Product Documentation included with this Release

Document #	Document Title	File Name
1	API documentation (generated by Doxygen)	docs/WatchdogTimerDocs.chm