

TSIP Low Level Driver

Release Notes

Applies to Product Release: 01.00.00.08
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TSIP Low Level Driver version 01.00.00.08

Overview

This document provides the release information for the latest TSIP LLD which should be used by drivers and application that interface with TSIP.

TSIP LLD module includes:

- Compiled library (Big and Little) Endian of TSIP Low Level Driver.
- Sources, examples and unit test code.
- API reference guide

LLD Dependencies

LLD is dependent on following external components delivered in PDK package:

- CSL

New/Updated Features and Quality

Release 1.0.0.8

- Updated buildlib.xs to add RULES_MAKE macro to support build based on custom Rules.make

Release 1.0.0.7:

- Added Keystone I lib and test/example support.

Release 1.0.0.5:

- Fixed included header filename in the example project which was causing compilation failure in the Linux environment.

Release 1.0.0.4:

- Added makefile support
- Simplified and automated process of LLD version update

Release 1.0.0.3:

- Deprecated support for C64P ELF and COFF. Only C66 ELF is supported now.

Release 1.0.0.2:

- Removed dependency of doxygen and HTML Help Workshop software requirement for rebuilding the libraries.

Release 1.0.0.1:

- Sample example and unit test updated.

Release 1.0.0.0:

- Initial Release

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
PRSDK-2194	Major	RTOS Installer script to autoset SDK_INSTALL_PATH

Known Issues/Limitations

Table 2 Known Issue IRs for this Release

IR Parent/ Child Number	Severity Level	IR Description

Licensing

Please refer to the software Manifest document for the details.

Delivery Package

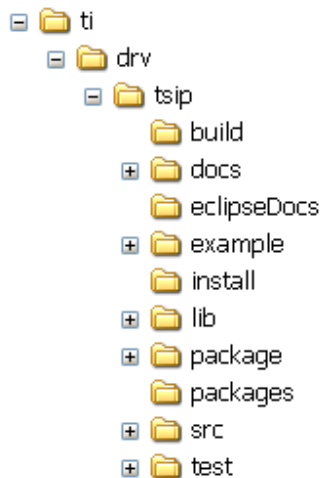
There is no separate delivery package. The TSIP LLD is being delivered as part of PDK.

Installation Instructions

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

Directory structure

After installation, the TSIP LLD has the following directory structure:



The following table explains each individual directory:

Directory Name	Description
ti/drv/tsip	<p>The top level directory contains the following:-</p> <ol style="list-style-type: none"> <u>Environment configuration batch file</u> The file “setupenv.bat” is used to configure the build environment for the TSIP low level driver. <u>XDC Build and Package files</u> These files (config.bld, package.xdc etc) are the XDC build files which are used to create the TSIP package. <u>Exported Driver header file</u> Header files which are provided by the TSIP low level driver and should be used by the application developers for driver customization and usage.
ti/drv/tsip/build	The directory contains internal XDC build related files which are used to create the TSIP low level driver package.
ti/drv/tsip/docs	The directory contains the TSIP low level driver documentation.
ti/drv/tsip/example	The “example” directory in the TSIP low level driver contains a simple example.
ti/drv/tsip/test	The “test” directory in the TSIP low level driver contains unit test
ti/drv/tsip/lib	The “lib” folder has pre-built Big and Little Endian libraries for the TSIP low level driver along with their <u>code/data size information</u> .
ti/drv/tsip/package	Internal TSIP low level driver package files.
ti/drv/tsip/src	Source code for the TSIP low level driver.

Customer Documentation List

Table 3 lists the documents that are accessible through the **/docs** folder on the product installation CD or in the delivery package.

Table 3 Product Documentation included with this Release

Document #	Document Title	File Name
1	API documentation (generated by Doxygen)	docs/tsipDocs.c hm
2	Release Notes (this document)	docs/ReleaseNot es_TSIP_LLD.p df