

MPM

Release Notes

Applies to Product Release: 02.00.01.00
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MPM version 02.00.01.00

Overview

This software component facilitates loading tasks onto slave processors.

Functionalities include:

- Download and reset slave processor
- Create communication channel between master and slave processors.
- Software locks and barriers to protect shared resources.

Module includes:

- Pre-compiled static and shared libraries for ARM Linux.
- Pre-compiled static libraries for C66x DSP.
- MPM daemon and client executables for ARM Linux.
- Source code.

MODULE Dependencies

MPM is dependent on following components:

- MPM-TRANSPORT

New/Updated Features and Quality

Release 2.0.1.0

- Initial release of the component in MCSDK

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
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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

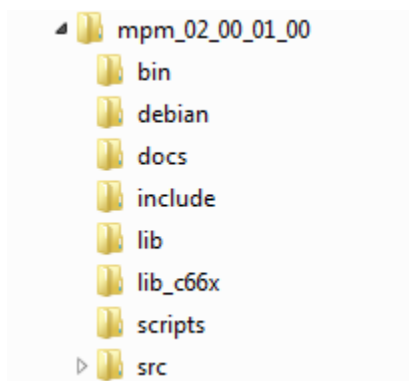
There is no separate delivery package. The component is being delivered as part of MCSDK.

Installation Instructions

The module is currently bundled as part of the Multicore Software Development Kit (MCSDK). Refer installation instruction to the release notes provided in MCSDK.

Directory structure

The following is the directory structure after MPM has been installed:



The following table explains each individual directory:

Directory Name	Description
mpm_02_00_01_00/	The top level directory contains the following:- <ol style="list-style-type: none"> 1. <u><i>Build environment</i></u> Makefile 7for ARM and DSP environment 2. <u><i>LICENSE.txt</i></u> This file contains the license applicable to MPM.
mpm_02_00_01_00/bin	This directory contains the MPM daemon and client executables for ARM Linux.
mpm_02_00_01_00/debian	This directory contains the files for generating the debian package..
mpm_02_00_01_00/docs	This directory contains the MPM documentation.
mpm_02_00_01_00/include	This directory contains public MPM header files.
mpm_02_00_01_00/lib	This directory contains pre-built static and shared libraries for ARM Linux.
mpm_02_00_01_00/lib_c66x	This directory contains libraries for the C66x DSP.
mpm_02_00_01_00/scripts	This firectory contains ARM Linux configuration scripts for MPM.
mpm_02_00_01_00/src	This directory contains the source core for MPM.

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	Software Manifest	docs/mpm_SoftwareManifest.pdf