

BIOS MCSDK 2.0.5

Release Notes

Applies to Product Release: 02.00.05.17
Publication Date: December 20, 2011

Document License

This work is licensed under the Creative Commons Attribution-NoDerivs 3.0 Unported License. To view a copy of this license, visit <http://creativecommons.org/licenses/by-nd/3.0/> or send a letter to Creative Commons, 171 Second Street, Suite 300, San Francisco, California, 94105, USA.

Copyright (C) 2011 Texas Instruments Incorporated - <http://www.ti.com>

Contents

© Copyright 2011 Texas Instruments, Inc.
All Rights Reserved

| | |
|---|----|
| 1 Overview..... | 1 |
| 2 Licensing..... | 1 |
| 3 Documentation..... | 2 |
| 4 Device Support..... | 2 |
| 5 Technical Support and Product Updates | 2 |
| 6 IS NOT | 3 |
| 7 Installation..... | 3 |
| 8 Issue List..... | 3 |
| 9 Releases..... | 3 |
| 9.1 Build 2.0.5.17..... | 3 |
| 9.2 Previous Releases..... | 7 |
| 9.2.1 Build 2.0.4.16..... | 7 |
| 9.2.2 Build 2.0.3.15..... | 11 |
| 9.2.3 Build 2.0.2.14..... | 12 |
| 9.2.4 Build 2.0.1.12..... | 14 |
| 9.2.5 Build 2.0.0.11..... | 16 |
| 9.2.6 Build 2.0.0.9..... | 19 |
| 9.2.7 Build 2.0.0.8..... | 21 |
| 9.2.8 Build 2.0.0.6..... | 22 |

BIOS MCSDK 2.00.05.17

1 Overview

This document is the Release Notes for **Release 2.0.5** of the Multicore Software Development Kit (MCSDK) for the BIOS operating system. This BIOS MCSDK software release gives developers the ability to evaluate the hardware and software capabilities of the evaluation platform and provide core software to rapidly develop a multi-core application.

2 Licensing

The tables below describe the primary license for the packages that make up the BIOS MCSDK. As shown in the *Releases* section below, some of these packages are delivered with the Code Composer Studio installer and some are delivered with the BIOS MCSDK installer.

IMPORTANT: There may be portions of these packages under other licenses and you should refer to the individual package Software Manifest (after installation) for complete and specific licensing.

Target Content

This is software that runs on the device. For the location, replace `<ver>` with the version that is part of the component name (e.g., 2.0.0.11, etc.).

| Package | Primary License | Manifest Location |
|----------|-----------------|---|
| MCSDK | BSD | [as_installed]/mcsdk_<ver>/bios_mcsdk_swmanifest__<ver>/pdf |
| PDK 6678 | BSD | [as_installed]/pdk_c6678_<ver>/pdk-c6678_swmanifest.pdf |
| PDK 6670 | BSD | [as_installed]/pdk_c6670_<ver>/pdk-c6670_swmanifest.pdf |
| BIOS 6.0 | BSD | [as_installed]/bios_<ver>/sysbios_<ver>_manifest.html |
| IPC | BSD | [as_installed]/ipc_<ver>/ipc_<ver>_manifest.html |
| NDK | BSD | [as_installed]/ndk_<ver>/NDK_<ver>_Manifest.html |
| MATHLIB | BSD | [as_installed]/,athlib_c66x_<ver>/docs/MATHLIB_Software_Manifest.html |
| DSPLIB | BSD | [as_installed]/dsplib_c66x_<ver>/docs/DSPLIB_Software_Manifest.html |
| IMAGELIB | BSD | [as_installed]/imglib_c66x_<ver>/docs/IMGLIB_Software_Manifest.html |
| EDMA3 | BSD | [as_installed]/edma3_ild_<ver>/software-manifest.pdf |

| | | |
|----------------|-----|--|
| MCSA Framework | BSD | [as_installed]/ccsv5/uia_<ver>/uia_<ver>_manifest.html |
|----------------|-----|--|

Host Tools

These are development tools that run primarily on the development host. For the location, replace <ver> with the version that is part of the component name (e.g., 2.0.0.11, etc.).

| Package | Primary License | Manifest |
|--------------------------------|-----------------|---|
| MCSDK (flash and eeprom tools) | BSD | [as_installed]/mcsdk_<ver>/bios_mcsdk_swmanifest_<ver>/pdf |
| CG XML | BSD | [as_installed]/cg_xml/cg_xml_<ver>_Manifest.pdf |
| XDC | EPL 1.0 | [as_installed]/xdctools_<ver>/docs/xdctools.chm (see License section) |
| Code Composer Studio 5 | Click Wrap | N/A |

3 Documentation

- **EVM Quick Start Guide:** Provides information on hardware setup and running the demonstration application that is loaded on flash. This document is provided as part of the EVM kit.
- [BIOS MCSDK Getting Started Guide:](#) Provides information on installing the software from the two software packages (MCSDK, CCS), connect to the target EVM using JTAG, load pre-compiled libraries to the EVM, and run the application.
- [BIOS MCSDK Users Guide:](#) Provides detailed information regarding software elements and infrastructure to allow developers to start creating applications.
- [Image Processing Demonstration Guide:](#) Provides information on the image processing demo including software design, performance results, development concerns.

4 Device Support

The device and platform supported with this release include:

- **C6678:** This release supports the Texas Instruments [TMS320C6678](#) high performance DSP. The EVM supported by the software is [TMDXEVM6678L](#).
- **C6670:** This release supports the Texas Instruments [TMS320C6670](#) high performance DSP. The EVM supported by the software is [TMDXEVM6670L](#).
- **C6618:** This release supports the Texas Instruments [TMS320TCI6618](#) high performance DSP. The EVM supported by the software is TMDXEVM6618LXE.

5 Technical Support and Product Updates

For technical discussions and issues, please visit

- **C66x Multicore forum:** http://e2e.ti.com/support/dsp/c6000_multi-core_dsps/f/639.aspx

- **BIOS Embedded Software forum:** <http://e2e.ti.com/support/embedded/f/355.aspx>
- **Embedded Processors wiki:** http://processors.wiki.ti.com/index.php/Main_Page

For product updates, please visit

- **Multicore Software Development Kits:**
<http://focus.ti.com/docs/toolsw/folders/print/bioslinuxmcsdk.html>

The EVM comes with disks containing the MCSDK software and CCS. You can start with these or go to the MCSDK software download site listed above to check for the latest updates and version. The BIOS-MCSDK release download will also have pointers to applicable CCS and compiler release versions as well. Please review the release notes and software manifest before downloading and/or installing the software.

6 IS NOT

- Support for BIOS5 or older releases
- Support for CCS 4.x or older releases
- DSP image format other than ELF (e.g., COFF)
- Security Accelerator LLD is not included in this package, but has been tested against SA LLD 1.0.1.4

7 Installation

See the online *BIOS MCSDK Getting Started Guide* ([link](#)) for installation information.

8 Issue List

The list of issues can be found online using this [link](#).

9 Releases

9.1 Build 2.0.5.17

This is the post production release.

| Component | Version | Installer |
|-------------|-------------------|-----------|
| NDK | 2.20.04.26 | MCSDK |
| IPC | 1.24.00.16 | MCSDK |
| EDMA3 LLD | 2.11.03.02 | MCSDK |
| SYS/BIOS | 6.32.05.54 | MCSDK |
| DSPLIB | 3.1.0.0 | MCSDK |
| MATHLIB | 3.0.0.0 | MCSDK |
| IMGLIB | 3.0.2.1 | MCSDK |
| MCSDK Tools | | |
| BIN2CCS | 1.0.0.0 | MCSDK |

| | | |
|-----------------------|-----------------|--------------------------|
| IBL | 1.0.0.12 | MCSDK |
| MAD-UTILS | 1.0.0.5 | MCSDK |
| EEPROM Writer | 1.0.0.4 | MCSDK |
| NAND Writer | 1.0.0.4 | MCSDK |
| NOR Writer | 1.0.0.3 | MCSDK |
| MCSA | 1.0 | MCSDK |
| POST | 1.0.0.4 | MCSDK |
| PDK-C6678 | 1.0.0.17 | MCSDK |
| Platform Library | 2.0.0.11 | MCSDK |
| NIMU Transport | 1.0.0.8 | MCSDK |
| IPC SRIO Transport | 1.0.1.0 | MCSDK |
| IPC QMSS Transport | 1.0.1.0 | MCSDK |
| CSL | 1.0.1.1 | MCSDK |
| PA LLD | 1.2.0.1 | MCSDK |
| CPPI LLD | 1.0.1.0 | MCSDK |
| QMSS LLD | 1.0.2.0 | MCSDK |
| PCIe LLD | 1.0.0.3 | MCSDK |
| SRIO LLD | 1.0.1.3 | MCSDK |
| TSIP LLD | 1.0.0.4 | MCSDK |
| HYPLINK LLD | 1.0.1.3 | MCSDK |
| PDK-C6670 | 1.0.0.17 | MCSDK |
| Platform Library | 2.0.0.10 | MCSDK |
| NIMU Transport | 1.0.0.8 | MCSDK |
| IPC SRIO Transport | 1.0.1.0 | MCSDK |
| IPC QMSS Transport | 1.0.1.0 | MCSDK |
| CSL | 1.0.1.1 | MCSDK |
| PA LLD | 1.2.0.1 | MCSDK |
| CPPI LLD | 1.0.1.0 | MCSDK |
| QMSS LLD | 1.0.2.0 | MCSDK |
| PCIe LLD | 1.0.0.3 | MCSDK |
| SRIO LLD | 1.0.1.3 | MCSDK |
| BCP LLD | 1.0.0.7 | MCSDK |
| FFTC LLD | 1.0.0.14 | MCSDK |
| TCP3D LLD | 1.0.0.13 | MCSDK |
| TCP3E LLD | 1.0.0.10 | MCSDK |
| Demos | | |
| HUA Demo | 2.0.0.4 | MCSDK |
| Image Processing Demo | 1.0.0.4 | MCSDK |
| Other Tools | | |
| CodeGen | 7.2.4 | download |
| CCS | 5.0.3.00028 | download |
| C6670/C6678 Simulator | 1.0.1 | CCS |
| C6618 Simulator | 0.4.0 | CCS |

| | | |
|----------|-------------------------|--------------------------|
| XDCTools | 3.22.04.46 | MCSDK |
| CG_XML | 2.30 | MCSDK |
| Python | 2.7.2 | download |
| minGW | mingw-get-inst-20110316 | download |

New features:

- Updated PLL sequences in GEL, IBL and Platform Library
- Updated SYS-BIOS/XDC tools
- Updated PA, EDMA3, QMSS, Hyperlink and PCIe LLDs.
- MAD prelink bypass (MAD Lite support)

Issues Fixed:

| id | Severity | Headline | FoundInProductVersion | Platform |
|---------------|------------|---|-----------------------|----------|
| SDOCM00079207 | S3 - Minor | IBL PLL/DDR sequence needs to be updated to fix board boot failures | 02.00.00 | C6678 |
| SDOCM00081068 | S3 - Minor | (Child) PDK (C6670): qmlnfraM-CEXampleProject generates warning on compile | 02.00.00 | C6670 |
| SDOCM00082942 | S3 - Minor | building mad image causes many warnings..... | 02.00.01 | C6678 |
| SDOCM00083981 | S2 - Major | srioboot_example build fails on Linux host. | 02.00.02 | N/A |
| SDOCM00084194 | S2 - Major | BIOS MCSDK needs to update to the XDC version which retains all the project templates | 02.00.01 | N/A |
| SDOCM00084289 | S3 - Minor | There are TI GT specific paths in the resulting install | 02.00.02 | N/A |
| SDOCM00084626 | S2 - Major | (Child) QMSS LLD: Add API to support Queue Diversion request from PASS | 02.00.04 | C6678 |
| SDOCM00085146 | S2 - Major | Platform Library PLL/DDR sequence needs to be updated to fix board boot failures | 02.00.03 | N/A |
| SDOCM00085246 | S2 - Major | Ease of Use: Include Program EVM under BIOS MCSDK | 02.00.04 | |
| SDOCM00085522 | S3 - Minor | Cannot create new RTSC project due to XDC issue introduced in BIOS MCSDK 2.0.1 | 02.00.01 | N/A |
| SDOCM00085679 | S3 - Minor | MAD: Insufficient information/instructions in readme file for MAD loader | 02.00.04 | N/A |
| SDOCM00085746 | S2 - Major | IBL needs to have a command line tool to update configuration | 02.00.04 | N/A |
| SDOCM00085875 | S2 - Major | Linux Host: Compilation fails for HyperLink, PA & PCIE projects | 02.00.04 | N/A |
| SDOCM00085913 | S2 - Major | NDK/helloWorld_evmc6670.out does not build | 02.00.04 | C6670 |

| | | | | |
|---------------|------------|---|----------|-----|
| SDOCM00085919 | S3 - Minor | Linux Host: Ethernet boot example missing precompiled image for ppcsendpkt.c | 02.00.04 | N/A |
| SDOCM00086135 | S3 - Minor | Updated embedded components to align with CCS 5.1 set | 02.00.04 | N/A |
| SDOCM00086176 | S3 - Minor | IBL compiled in Windows has corrupted default configuration | 02.00.04 | N/A |
| SDOCM00086177 | S3 - Minor | IBL always compiles with CGT v7.2.1 from CCS, even though MCSDK installs another version (Windows only) | 02.00.04 | N/A |
| SDOCM00086468 | S2 - Major | CCS 5.1 imports non-RTSC projects as RTSC projects. | 02.00.05 | N/A |
| SDOCM00086572 | S2 - Major | Link to MinGW in Release Notes is not correct | 02.00.04 | N/A |
| SDOCM00086609 | S3 - Minor | POST: Print configuration information (hex dump of the registers) | 02.00.04 | N/A |
| SDOCM00086612 | S3 - Minor | Integrate EDMA3 LLD 02.11.03.02 | 02.00.04 | N/A |

Known Issues:

| id | Headline | Severity | Platform |
|---------------|---|------------|----------|
| SDOCM00079559 | NIMU driver do not support JUMBO packets | S3 - Minor | C6678 |
| SDOCM00081766 | IMGLIB: IMGLIB package expanded in the graphical editor the information displayed is not meaningful | S3 - Minor | N/A |
| SDOCM00081767 | DSPLIB: DSPLIB package expanded in the graphical editor the information displayed is not meaningful | S3 - Minor | N/A |
| SDOCM00082115 | C6670 EVM LE & BE: TCP3E_dbIMgzTestProject LE and BE fails on EVM | S2 - Major | C6670 |
| SDOCM00082117 | IPC example projects can not be re-built even after the projects get cleaned | S3 - Minor | C6678 |
| SDOCM00082173 | PDK TSIP_testProject -readme needs to indicate dependency on clock for running the sample code. | S2 - Major | C6678 |
| SDOCM00085799 | There is a assertion failure when shutting down a telnet connection to evm. | S3 - Minor | N/A |
| SDOCM00086851 | Eclipse Update Manager does not work in Linux environment | S2 - Major | N/A |
| SDOCM00085469 | BIOS Cache API performance lags behind CSL Cache API Performance | S3 - Minor | N/A |
| SDOCM00086136 | CSL_tmrOpen() returns error while opening timer 8-15 in C6678 | S2 - Major | C6678 |
| SDOCM00085769 | SRIO turn-around time is not consistent | S2 - Major | |
| SDOCM00086524 | PA_emacExample_exampleProject depends on race condition to function correctly | S3 - Minor | N/A |

| | | | |
|---------------|---|------------|-----|
| SDOCM00087039 | CPPI_LLD: Cppi_close has cache coherence problem | S2 - Major | N/A |
| SDOCM00085566 | BIOS MCSDK installer crashes while installing MCSA in CCS 5.1 | S3 - Minor | N/A |

9.2 Previous Releases

9.2.1 Build 2.0.4.16

This is the post production release.

| Component | Version | Installer |
|--------------------|-------------------|--------------|
| NDK | 2.20.04.26 | MCSDK |
| IPC | 1.24.00.16 | MCSDK |
| EDMA3 LLD | 2.11.02.04 | MCSDK |
| SYS/BIOS | 6.32.04.49 | MCSDK |
| DSPLIB | 3.1.0.0 | MCSDK |
| MATHLIB | 3.0.0.0 | MCSDK |
| IMGLIB | 3.0.2.1 | MCSDK |
| MCSDK Tools | | |
| BIN2CCS | 1.0.0.0 | MCSDK |
| IBL | 1.0.0.11 | MCSDK |
| MAD-UTILS | 1.0.0.3 | MCSDK |
| EEPROM Writer | 1.0.0.4 | MCSDK |
| NAND Writer | 1.0.0.4 | MCSDK |
| NOR Writer | 1.0.0.3 | MCSDK |
| MCSA | 1.0 | MCSDK |
| POST | 1.0.0.3 | MCSDK |
| PDK-C6678 | 1.0.0.16 | MCSDK |
| Platform Library | 2.0.0.10 | MCSDK |
| NIMU Transport | 1.0.0.8 | MCSDK |
| IPC SRIO Transport | 1.0.1.0 | MCSDK |
| IPC QMSS Transport | 1.0.1.0 | MCSDK |
| CSL | 1.0.1.1 | MCSDK |
| PA LLD | 1.1.1.0 | MCSDK |
| CPPI LLD | 1.0.1.0 | MCSDK |
| QMSS LLD | 1.0.1.0 | MCSDK |
| PCIe LLD | 1.0.0.2 | MCSDK |
| SRIO LLD | 1.0.1.3 | MCSDK |
| TSIP LLD | 1.0.0.4 | MCSDK |
| HYPLINK LLD | 1.0.1.2 | MCSDK |
| PDK-C6670 | 1.0.0.16 | MCSDK |
| Platform Library | 2.0.0.9 | MCSDK |
| NIMU Transport | 1.0.0.8 | MCSDK |

| | | |
|-----------------------|-------------------------|--------------------------|
| IPC SRIO Transport | 1.0.1.0 | MCSDK |
| IPC QMSS Transport | 1.0.1.0 | MCSDK |
| CSL | 1.0.1.1 | MCSDK |
| PA LLD | 1.1.1.0 | MCSDK |
| CPPI LLD | 1.0.1.0 | MCSDK |
| QMSS LLD | 1.0.1.0 | MCSDK |
| PCIe LLD | 1.0.0.2 | MCSDK |
| SRIO LLD | 1.0.1.3 | MCSDK |
| BCP LLD | 1.0.0.7 | MCSDK |
| FFTC LLD | 1.0.0.14 | MCSDK |
| TCP3D LLD | 1.0.0.13 | MCSDK |
| TCP3E LLD | 1.0.0.10 | MCSDK |
| Demos | | |
| HUA Demo | 2.0.0.4 | MCSDK |
| Image Processing Demo | 1.0.0.4 | MCSDK |
| Other Tools | | |
| CodeGen | 7.2.4 | download |
| CCS | 5.0.3.00028 | download |
| C6670/C6678 Simulator | 1.0.1 | CCS |
| C6618 Simulator | 0.4.0 | CCS |
| XDCTools | 3.22.01.21 | MCSDK |
| CG_XML | 2.30 | MCSDK |
| Python | 2.7.2 | download |
| minGW | mingw-get-inst-20110316 | download |

New features:

- Single IBL binary image support. (deprecated the .dat file support)
- POST bin file (deprecated the .dat file support)
- IPC Transport Optimization over SRIO and QMSS
- New kernels and platforms support in DSPLIB and IMGLIB

Issues Fixed:

| id | Sever-ity | Headline | FoundInProductVer-sion | Platform |
|---------------|------------|---|------------------------|----------|
| SDOCM00080936 | S3 - Minor | IBL make needs to build one image including boot loader + config table | 02.00.00 | N/A |
| SDOCM00081268 | S2 - Major | IPC: Need New Version of NameServer to support Off-Chip Communication | 02.00.00 | N/A |
| SDOCM00082455 | S3 - Minor | Document how to connect a PC to two EVMs with the same emulator type in the UG section of | 02.00.00 | N/A |

| | | | | |
|---------------|------------|--|----------|-------|
| | | 'other useful ref' | | |
| SDOCM00082687 | S2 - Major | SRIO IPC Transport Optimizations | 02.00.00 | N/A |
| SDOCM00082688 | S2 - Major | QMSS IPC Transport Optimizations | 02.00.00 | N/A |
| SDOCM00083018 | S3 - Minor | SRIO Multicore loopback example uses illegal Serdes PLL setting for Multiply | 02.00.00 | C6678 |
| SDOCM00083475 | S3 - Minor | QOS_TEST option in QMSS LLD unit test fails | 02.00.01 | N/A |
| SDOCM00083489 | S3 - Minor | (Child) QMSS LLD update to include new QoS firmware | 02.00.01 | N/A |
| SDOCM00083631 | S2 - Major | BootLoader: Ethernet boot examples does not provide any application for Linux to verify the examples | 02.00.02 | N/A |
| SDOCM00083901 | S2 - Major | There is a race condition in the TX path and PA command config path that cause TX queue description corruption | 02.00.02 | N/A |
| SDOCM00083981 | S2 - Major | srioboot_example build fails on Linux host. | 02.00.02 | N/A |
| SDOCM00084150 | S2 - Major | The EEPROM writer should not provide/use byte swap option in the eepromwriter_input.txt. | 02.00.01 | N/A |
| SDOCM00084158 | S2 - Major | Prefix listlib APIs in CPPI LLD to avoid conflicts with other listlib APIs used in the system | 02.00.01 | C6670 |
| SDOCM00084287 | S2 - Major | Linux installer does not work in commandline mode | 02.00.02 | N/A |
| SDOCM00084288 | S3 - Minor | Default installation directory in Linux installer is not correct | 02.00.02 | N/A |
| SDOCM00084290 | S3 - Minor | Add more text to the installer window and cleanup | 02.00.02 | N/A |
| SDOCM00084421 | S3 - Minor | %PDK_INSTALL_PATH % set incorrectly by pdk-setupenv.bat | 02.00.02 | N/A |
| SDOCM00084481 | S2 - Major | Forum Issue: Failed to open HeapBufMP_open | 02.00.02 | N/A |

| | | | | |
|---------------|------------|--|----------|-------|
| | | in multicore application | | |
| SDOCM00084482 | S3 - Minor | EVM_init is called too early in all of the demo/unit test applications | 02.00.03 | N/A |
| SDOCM00085741 | S2 - Major | Prototype of DSPF_sp_fir_cplx does not match function name in DSPLIB | 02.00.04 | C6678 |
| SDOCM00085562 | S2 - Major | NIMU RX DESC value non-power of 2 | 02.00.04 | C6670 |

Known Issues:

| id | Severity | Headline | Platform |
|---------------|------------|---|----------|
| SDOCM00084194 | S2 - Major | BIOS MCSDK needs to update to the XDC version which retains all the project templates | N/A |
| SDOCM00085875 | S2 - Major | Linux Host: Compilation fails for HyperLink, PA & PCIE projects | N/A |
| SDOCM00085913 | S2 - Major | NDK/helloWorld_evmc6670.out does not build | C6670 |
| SDOCM00082173 | S2 - Major | PDK TSIP_testProject -readme needs to indicate dependency on clock for running the sample code. | C6678 |
| SDOCM00082115 | S2 - Major | C6670 EVM LE & BE: TCP3E_dbIMgzTest-Project LE and BE fails on EVM | C6670 |
| SDOCM00083981 | S2 - Major | srioboot_example build fails on Linux host. | N/A |
| SDOCM00085469 | S3 - Minor | BIOS Cache API performance lags behind CSL Cache API Performance | N/A |
| SDOCM00085566 | S3 - Minor | BIOS MCSDK installer crashes while installing MCSA in CCS 5.1 | N/A |
| SDOCM00085919 | S3 - Minor | Linux Host: Ethernet boot example missing precompiled image for ppcsendpkt.c | N/A |
| SDOCM00079559 | S3 - Minor | NIMU driver do not support JUMBO packets | C6678 |
| SDOCM00081196 | S3 - Minor | IBL i2cConfig.gel doesn't indicate completion | C6678 |
| SDOCM00081766 | S3 - Minor | IMGLIB: IMGLIB package expanded in the graphical editor the information displayed is not meaningful | N/A |
| SDOCM00081767 | S3 - Minor | DSPLIB: DSPLIB package expanded in the graphical editor the information displayed is not meaningful | N/A |
| SDOCM00082117 | S3 - Minor | IPC example projects can not be re-built even after the projects get cleaned | C6678 |
| SDOCM00085799 | S3 - Minor | There is a assertion failure when shutting down a telnet connection to evm. | N/A |

9.2.2 Build 2.0.3.15

This is the post production release.

| Component | Version | Installer |
|--------------------|-----------------|--------------|
| NDK | 2.20.04.26 | MCSDK |
| IPC | 1.23.01.26 | MCSDK |
| EDMA3 LLD | 2.11.02.04 | MCSDK |
| SYS/BIOS | 6.32.04.49 | MCSDK |
| DSPLIB | 3.0.0.8 | MCSDK |
| MATHLIB | 3.0.0.0 | MCSDK |
| IMGLIB | 3.0.1.0 | MCSDK |
| MCSDK Tools | | |
| BIN2CCS | 1.0.0.0 | MCSDK |
| IBL | 1.0.0.10 | MCSDK |
| MAD-UTILS | 1.0.0.3 | MCSDK |
| EEPROM Writer | 1.0.0.4 | MCSDK |
| NAND Writer | 1.0.0.4 | MCSDK |
| NOR Writer | 1.0.0.3 | MCSDK |
| MCSA | 1.0 | MCSDK |
| POST | 1.0.0.3 | MCSDK |
| PDK-C6678 | 1.0.0.15 | MCSDK |
| Platform Library | 2.0.0.10 | MCSDK |
| NIMU Transport | 1.0.0.7 | MCSDK |
| IPC SRIO Transport | 1.0.0.0 | MCSDK |
| IPC QMSS Transport | 1.0.0.0 | MCSDK |
| CSL | 1.0.1.1 | MCSDK |
| PA LLD | 1.1.1.0 | MCSDK |
| CPPI LLD | 1.0.0.16 | MCSDK |
| QMSS LLD | 1.0.0.17 | MCSDK |
| PCle LLD | 1.0.0.2 | MCSDK |
| SRIO LLD | 1.0.1.1 | MCSDK |
| TSIP LLD | 1.0.0.4 | MCSDK |
| HYPLINK LLD | 1.0.1.1 | MCSDK |
| PDK-C6670 | 1.0.0.15 | MCSDK |
| Platform Library | 2.0.0.9 | MCSDK |
| NIMU Transport | 1.0.0.7 | MCSDK |
| IPC SRIO Transport | 1.0.0.0 | MCSDK |
| IPC QMSS Transport | 1.0.0.0 | MCSDK |
| CSL | 1.0.1.1 | MCSDK |
| PA LLD | 1.1.1.0 | MCSDK |
| CPPI LLD | 1.0.0.16 | MCSDK |

| | | |
|-----------------------|-------------------------|--------------------------|
| QMSS LLD | 1.0.0.17 | MCSDK |
| PCIe LLD | 1.0.0.2 | MCSDK |
| SRIO LLD | 1.0.1.1 | MCSDK |
| BCP LLD | 1.0.0.7 | MCSDK |
| FFTC LLD | 1.0.0.14 | MCSDK |
| TCP3D LLD | 1.0.0.13 | MCSDK |
| TCP3E LLD | 1.0.0.10 | MCSDK |
| Demos | | |
| HUA Demo | 2.0.0.4 | MCSDK |
| Image Processing Demo | 1.0.0.4 | MCSDK |
| Other Tools | | |
| CodeGen | 7.2.4 | download |
| CCS | 5.0.3.00028 | download |
| C6670/C6678 Simulator | 1.0.1 | CCS |
| C6618 Simulator | 0.4.0 | CCS |
| XDCTools | 3.22.01.21 | MCSDK |
| CG_XML | 2.30 | MCSDK |
| Python | 2.7.2 | download |
| minGW | mingw-get-inst-20110316 | download |

New features:

- None

Externally Tracked Issues Fixed:

- None

Other Issues Fixed:

- PA LLD: Mismatch between the OSAL begin and end tags for C6678 and C6670.

9.2.3 Build 2.0.2.14

This is the post production release.

| Component | Version | Installer |
|--------------------|-------------------|--------------|
| NDK | 2.20.04.26 | MCSDK |
| IPC | 1.23.01.26 | MCSDK |
| EDMA3 LLD | 2.11.02.04 | MCSDK |
| SYS/BIOS | 6.32.04.49 | MCSDK |
| DSPLIB | 3.0.0.8 | MCSDK |
| MATHLIB | 3.0.0.0 | MCSDK |
| IMGLIB | 3.0.1.0 | MCSDK |
| MCSDK Tools | | |
| BIN2CCS | 1.0.0.0 | MCSDK |
| IBL | 1.0.0.10 | MCSDK |
| MAD-UTILS | 1.0.0.3 | MCSDK |

| | | |
|------------------------------|-----------------|--------------------------|
| EEPROM Writer | 1.0.0.4 | MCSDK |
| NAND Writer | 1.0.0.4 | MCSDK |
| NOR Writer | 1.0.0.3 | MCSDK |
| MCSA | 1.0 | MCSDK |
| POST | 1.0.0.3 | MCSDK |
| PDK-C6678 | 1.0.0.14 | MCSDK |
| Platform Library | 2.0.0.10 | MCSDK |
| NIMU Transport | 1.0.0.7 | MCSDK |
| IPC SRIO Transport | 1.0.0.0 | MCSDK |
| IPC QMSS Transport | 1.0.0.0 | MCSDK |
| CSL | 1.0.1.1 | MCSDK |
| PA LLD | 1.1.0.10 | MCSDK |
| CPPI LLD | 1.0.0.16 | MCSDK |
| QMSS LLD | 1.0.0.17 | MCSDK |
| PCIe LLD | 1.0.0.2 | MCSDK |
| SRIO LLD | 1.0.1.1 | MCSDK |
| TSIP LLD | 1.0.0.4 | MCSDK |
| HYPLINK LLD | 1.0.1.1 | MCSDK |
| PDK-C6670 | 1.0.0.14 | MCSDK |
| Platform Library | 2.0.0.9 | MCSDK |
| NIMU Transport | 1.0.0.7 | MCSDK |
| IPC SRIO Transport | 1.0.0.0 | MCSDK |
| IPC QMSS Transport | 1.0.0.0 | MCSDK |
| CSL | 1.0.1.1 | MCSDK |
| PA LLD | 1.1.0.10 | MCSDK |
| CPPI LLD | 1.0.0.16 | MCSDK |
| QMSS LLD | 1.0.0.17 | MCSDK |
| PCIe LLD | 1.0.0.2 | MCSDK |
| SRIO LLD | 1.0.1.1 | MCSDK |
| BCP LLD | 1.0.0.7 | MCSDK |
| FFTC LLD | 1.0.0.14 | MCSDK |
| TCP3D LLD | 1.0.0.13 | MCSDK |
| TCP3E LLD | 1.0.0.10 | MCSDK |
| Demos | | |
| HUA Demo | 2.0.0.4 | MCSDK |
| Image Processing Demo | 1.0.0.4 | MCSDK |
| Other Tools | | |
| CodeGen | 7.2.4 | download |
| CCS | 5.0.3.00028 | download |
| C6670/C6678 Simulator | 1.0.1 | CCS |
| C6618 Simulator | 0.4.0 | CCS |
| XDCTools | 3.22.01.21 | MCSDK |
| CG_XML | 2.30 | MCSDK |

| | | |
|--------|-------------------------|--------------------------|
| Python | 2.7.2 | download |
| minGW | mingw-get-inst-20110316 | download |

New features:

- Linux Installer and Build Support
- Added PCIe example for C6670
- Updated the CSL, SRIO LLD for C6670 and C6678
- Updated Hyperlink LLD for C6678

Externally Tracked Issues Fixed:

| id | Severity | State | Headline | Found In Product | Found In Release Version | Affected Targets |
|---------------|----------|---------|---|------------------|--------------------------|------------------|
| SDOCM00082731 | Major | Planned | C6670 and C6678 CSL error for PLLM field | BIOS-MCSDK | 02.00.00 | N/A |
| SDOCM00082984 | Major | Planned | The serial version of Image Processing demo does not build when copied to CCS workspace | BIOS-MCSDK | 02.00.01 | N/A |

Other Issues Fixed:

- IPC SRIO examples use wrong datarate: clock is 250MHz, not 312.5MHz for C6670
- Simulator target for NDK is broken
- Added ability to do NDK loopback under HUA
- Reset Isolation needs to be disabled for SRIO sample initialization for C6678
- Update of the CSL-RL for EMIF-16 for C6678
- Writer utility should strip the carriage return character when parsing the input text file
- Platform Lib: C6678 needs to be aligned with the CSL EMIF16 updates for C6678

9.2.4 Build 2.0.1.12

This is the post production release of BIOS MCSDK 2.0.1

| Component | Version | Installer |
|-----------|------------|-----------|
| NDK | 2.20.04.26 | MCSDK |
| IPC | 1.23.01.26 | MCSDK |
| EDMA3 LLD | 2.11.02.04 | MCSDK |
| SYS/BIOS | 6.32.01.38 | MCSDK |

| | | |
|-----------------------|-----------------|--------------------------|
| DSPLIB | 3.0.0.8 | MCSDK |
| MATHLIB | 3.0.0.0 | MCSDK |
| IMGLIB | 3.0.1.0 | MCSDK |
| MCSDK Tools | | |
| BIN2CCS | 1.0.0.0 | MCSDK |
| IBL | 1.0.0.8 | MCSDK |
| MAD-UTILS | 1.0.0.2 | MCSDK |
| EEPROM Writer | 1.0.0.3 | MCSDK |
| NAND Writer | 1.0.0.3 | MCSDK |
| NOR Writer | 1.0.0.2 | MCSDK |
| MCSA | 1.0 | MCSDK |
| POST | 1.0.0.3 | MCSDK |
| PDK-C6678 | 1.0.0.12 | MCSDK |
| Platform Library | 2.0.0.8 | MCSDK |
| NIMU Transport | 1.0.0.5 | MCSDK |
| CSL | 1.0.1.0 | MCSDK |
| PA LLD | 1.1.0.10 | MCSDK |
| CPPI LLD | 1.0.0.16 | MCSDK |
| QMSS LLD | 1.0.0.17 | MCSDK |
| PCIe LLD | 1.0.0.2 | MCSDK |
| SRIO LLD | 1.0.0.14 | MCSDK |
| TSIP LLD | 1.0.0.4 | MCSDK |
| HYPLINK LLD | 1.0.0.4 | MCSDK |
| PDK-C6670 | 1.0.0.12 | MCSDK |
| Platform Library | 2.0.0.8 | MCSDK |
| NIMU Transport | 1.0.0.5 | MCSDK |
| CSL | 1.0.1.0 | MCSDK |
| PA LLD | 1.1.0.10 | MCSDK |
| CPPI LLD | 1.0.0.16 | MCSDK |
| QMSS LLD | 1.0.0.17 | MCSDK |
| PCIe LLD | 1.0.0.2 | MCSDK |
| SRIO LLD | 1.0.0.14 | MCSDK |
| BCP LLD | 1.0.0.7 | MCSDK |
| FFTC LLD | 1.0.0.14 | MCSDK |
| TCP3D LLD | 1.0.0.13 | MCSDK |
| TCP3E LLD | 1.0.0.10 | MCSDK |
| Demos | | |
| HUA Demo | 2.0.0.3 | MCSDK |
| Image Processing Demo | 1.0.0.3 | MCSDK |
| Other Tools | | |
| CodeGen | 7.2.4 | download |
| CCS | 5.0.3.00028 | download |
| C6670/C6678 Simulator | 1.0.1 | CCS |

| | | |
|-----------------|-------------------------|--------------------------|
| C6618 Simulator | 0.4.0 | CCS |
| XDCTools | 3.22.01.21 | MCSDK |
| CG_XML | 2.30 | MCSDK |
| Python | 2.7.2 | download |
| minGW | mingw-get-inst-20110316 | download |

New features:

- Added Multicore Application Deployment Utilities (MAD-Utils)

Externally Tracked Issues Fixed:

| id | Severity | State | Headline | Found In Product | Found In Release Version | Affected Targets |
|---------------|----------|---------|--|------------------|--------------------------|------------------|
| SDOCM00082091 | Major | Planned | HeapMultiBufMP_alloc fails as it is missing a cache operation | BIOS-MCSDK | 02.00.00 | N/A |
| SDOCM00082426 | Major | Planned | CSL makefile: needs to be updated to include assembly files to the library | BIOS-MCSDK | 02.00.00 | N/A |
| SDOCM00082085 | Major | Planned | IPC initialization fails if run after power cycle and before CPU a reset | BIOS-MCSDK | 02.00.00 | N/A |
| SDOCM00079689 | Minor | Planned | BIOS: whole_program does not build for C6678 | BIOS-MCSDK | 02.00.00 | N/A |

Other Issues Fixed:

- MAD tools integration with Image Processing Demo
- DSP Code generation tools update to 7.2.4 version
- PDK c6670 SRIO and QMSS IPC examples require a clean then rebuild in order to operate correctly

9.2.5 Build 2.0.0.11

This is the production release of BIOS MCSDK 2.0.0

| Component | Version | Installer |
|-------------|------------|-----------|
| NDK | 2.20.04.26 | MCSDK |
| IPC | 1.22.05.27 | MCSDK |
| EDMA3 LLD | 2.11.02.04 | MCSDK |
| SYS/BIOS | 6.31.04.27 | CCS |
| DSPLIB | 3.0.0.8 | MCSDK |
| MATHLIB | 3.0.0.0 | MCSDK |
| IMGLIB | 3.0.1.0 | MCSDK |
| MCSDK Tools | | |
| BIN2CCS | 1.0.0.0 | MCSDK |

| | | |
|-----------------------|-------------------------|--------------------------|
| IBL | 1.0.0.6 | MCSDK |
| EEPROM Writer | 1.0.0.3 | MCSDK |
| NAND Writer | 1.0.0.3 | MCSDK |
| NOR Writer | 1.0.0.2 | MCSDK |
| MCSA | 1.0 | MCSDK |
| POST | 1.0.0.3 | MCSDK |
| PDK-C6678 | 1.0.0.11 | MCSDK |
| Platform Library | 2.0.0.7 | MCSDK |
| NIMU Transport | 1.0.0.4 | MCSDK |
| CSL | 1.0.0.12 | MCSDK |
| PA LLD | 1.1.0.10 | MCSDK |
| CPPI LLD | 1.0.0.16 | MCSDK |
| QMSS LLD | 1.0.0.17 | MCSDK |
| PCIe LLD | 1.0.0.2 | MCSDK |
| SRIO LLD | 1.0.0.14 | MCSDK |
| TSIP LLD | 1.0.0.4 | MCSDK |
| HYPLINK LLD | 1.0.0.4 | MCSDK |
| PDK-C6670 | 1.0.0.11 | MCSDK |
| Platform Library | 2.0.0.7 | MCSDK |
| NIMU Transport | 1.0.0.3 | MCSDK |
| CSL | 1.0.0.6 | MCSDK |
| PA LLD | 1.1.0.10 | MCSDK |
| CPPI LLD | 1.0.0.16 | MCSDK |
| QMSS LLD | 1.0.0.17 | MCSDK |
| PCIe LLD | 1.0.0.2 | MCSDK |
| SRIO LLD | 1.0.0.14 | MCSDK |
| BCP LLD | 1.0.0.7 | MCSDK |
| FFTC LLD | 1.0.0.14 | MCSDK |
| TCP3D LLD | 1.0.0.13 | MCSDK |
| TCP3E LLD | 1.0.0.10 | MCSDK |
| Demos | | |
| HUA Demo | 2.0.0.3 | MCSDK |
| Image Processing Demo | 1.0.0.2 | MCSDK |
| Other Tools | | |
| CodeGen | 7.2.1 | CCS |
| CCS | 5.0.3.00028 | download |
| C6670/C6678 Simulator | 1.0.1 | CCS |
| C6618 Simulator | 0.4.0 | CCS |
| XDCTools | 3.20.08.88 | CCS |
| CG_XML | 2.30 | MCSDK |
| minGW | mingw-get-inst-20110316 | download |

New features:

- PCIe Boot example added
- PCIe LLD added for C6670
- Image Processing Demo support for C6670
- IPC over SRIO & QMSS transports
- SRIO boot example

Externally Tracked Issues Fixed:

| id | Severity | State | Headline | Found In Product | Found In Release Version | Affected Targets |
|---------------|----------|---------|---|------------------|--------------------------|------------------|
| SDOCM00079225 | Major | Planned | Simulator target does not work for NDK | BIOS-MCSDK | 02.00.00 | C6678 |
| SDOCM00079505 | Major | Planned | EDMA3 LLD: Can not build EDMA3 LLD examples | BIOS-MCSDK | 02.00.00 | C6678 |
| SDOCM00079607 | Major | Planned | HUA: EMAC switch statistics sometimes show inconsistent values | BIOS-MCSDK | 02.00.00 | C6678 |
| SDOCM00081144 | Major | Planned | Image processing demo with MCSA integrated crashes after few runs | BIOS-MCSDK | 02.00.00 | C6678 |
| SDOCM00081396 | Major | Planned | Platform Library: platform_lib and platform_lib_test projects do not build for both 6670/6678 | BIOS-MCSDK | 02.00.00 | N/A |

Other Issues Fixed:

- CSL PDK (C6670): PCIE project fails to compile due to undefined symbol CSL_BootCfgGetPCIEPLLLock
- PDK (C6618 simulator): BCP example project for Big Endian and simulator hangs at second test
- PDK (C6670): BCP test and example projects for Big Endian fail all tests.
- C6670 EVM BE: TCP3E_dbIMgzTestProject Big Endian fails on EVM
- C6670 EVM BE: TCP3E_exampleProject Big Endian fails on EVM
- There is no Readme for shmlpcBenchmark_c6678 – PDK
- Platform Library simulator target does not work for NDK
- getLibs() added for Platform Library and NIMU should be adopted by all MCSDK components
- Fixed issue preventing building EDMA3 LLD examples
- HUA: Occasionally Flash Page has nothing after the How It Works text
- makefile support for MCSDK components
- HUA Demo: Running the Transmit UDP benchmark multiple times crashes the system
- IBL need to support I2C boot from multiple device/images based on the dip switch setting
- NAND ecc bytes computation needs to be changed for BIOS MCSDK to align with Linux
- Provide makefiles for EEPROM/NAND/NOR writers

- ibl\src\make\ibl_c661xi2crom.map.pre defines clocks/plls incorrectly
- IBL PLL workaround is too slow for PCIe
- TCP3d/TCP3e LLD source files does not build using the external to PDK EDMA3LLD driver provided by TI-India
- NIMU Rx pDataBuffers are not cached aligned
- Image processing demo: The edge slices are not cache aligned
- PDK (C66x): hypink_read_ECCErrors_reg() doesn't work. It accesses the wrong HW register.

9.2.6 Build 2.0.0.9

This is a Beta-2 release.

| Component | Version | Installer |
|---------------------------|-------------|--------------------------|
| PDK-C6678 | 1.0.0.9 | MCSDK |
| PDK-C6670 | 1.0.0.9 | MCSDK |
| Platform Library (C6678) | 2.0.0.6 | MCSDK |
| Platform Library (C6670) | 2.0.0.2 | MCSDK |
| NDK | 2.20.03.24 | MCSDK |
| IPC | 1.22.05.27 | MCSDK |
| EDMA3 LLD | 2.11.1.2 | MCSDK |
| SYS/BIOS | 6.31.04.27 | CCS |
| DSPLIB | 3.0.0.7 | MCSDK |
| IMGLIB | 3.0.1.0 | MCSDK |
| MCSDK Tools | | |
| BIN2CCS | 1.0.0.0 | MCSDK |
| IBL | 1.0.0.4 | MCSDK |
| MAD | 1.0.0.0 | MCSDK |
| EEPROM Writer | 1.0.0.1 | MCSDK |
| NAND Writer | 1.0.0.1 | MCSDK |
| NOR Writer | 1.0.0.0 | MCSDK |
| MCSA | 1.0 | MCSDK |
| POST | 1.0.0.2 | MCSDK |
| Demos | | |
| HUA Demo | 2.0.0.2 | MCSDK |
| Image Processing Demo | 1.0.0.0 | MCSDK |
| Other Tools | | |
| CodeGen | 7.2.0 | CCS |
| CCS | 5.0.2.00006 | download |
| C66x Functional Simulator | 1.0.0 | CCS |
| XDCTools | 3.20.08.88 | CCS |
| CG_XML | 2.2 | download |
| Python | 2.7.1 | download |

New features

- PCIe LLD added for C6678
- BCP, TCP3d,TCP3e and FFTC LLDs added for C6670
- Multicore System Analyzer (MCSA) support

Issues fixed in this Release:

| id | Severity | State | Headline | Found In Product | Found In Release Version | Affected Targets |
|---------------|----------|---------|---|------------------|--------------------------|------------------|
| SDOCM00079595 | Minor | Planned | HUA: Going back to the Main Flash Page after a NOR Read or Write shows the NAND selection | BIOS-MCSDK | 02.00.00 | C6678 |
| SDOCM00079834 | Minor | Planned | Import of LLD example projects gives warning and build fails unless a macros.ini is imported manually | BIOS-MCSDK | 02.00.00 | C6678 |

Other bug fixes:

- Going back to the Main Flash Page after a NOR Read or Write Shows the NAND selection
- HUA project name should be changed from "hpdspua" to "hua" to align w/ collateral
- Import of LLD example projects gives warning and build fails unless a macros.ini is imported manually
- Installer sometimes has an error at the end of the installation stage
- Browsing the MCSDK help content (UG and GSG) always crashes my Eclipse..
- On the information page the User switch 1/2 display "OFF" even though 1 is ON in static mode.
- Can not write HUA to NAND flash
- Text in browser after test is run appears chopped.
- RBL EMAC boot example and any necessary tools
- Eclipse plugin did not work after the new installer update
- DOC: Host boot utilities documentation in UG
- IBL build instruction/documentation confusion
- POST: Can not build Release build configuration for POST
- Platform Library: Need C6670-sim target support
- HUA : eeprom read causes application to crash on NY

- Boot example projects for 6670 are missing
- When written to NOR as bootable image on HUA failed to boot.
- HUA does not print debug messages on UART
- DOC: Need C6670 HW setup guide wiki page
- POST: Add ability to indicate SA-enabled device
- Nand writer on C6678 not working reliably...
- Many MCSDK examples don't work out of box
- Image processing demo should print messages in UART console
- HUA : Internal RAM test checks for valid core between $1 \leq \text{core_id} < 6$ instead of $1 \leq \text{core_id} < 8$.

9.2.7 Build 2.0.0.8

This is an update to Beta-1.

| Component | Version | Installer |
|--------------------------|-------------|--------------------------|
| PDK-C6678 | 1.0.0.8 | MCSDK |
| PDK-C6670 | 1.0.0.8 | MCSDK |
| Platform Library (C6678) | 2.0.0.5 | MCSDK |
| Platform Library (C6670) | 2.0.0.1 | MCSDK |
| NDK | 2.20.03.24 | MCSDK |
| IPC | 1.22.03.23 | CCS |
| EDMA3 LLD | 2.11.1.2 | MCSDK |
| SYS/BIOS | 6.31.04.27 | CCS |
| DSPLIB | 3.0.0.5 | MCSDK |
| IMGLIB | 3.0.0.5 | MCSDK |
| MCSDK Tools | | |
| BIN2CCS | 1.0.0.0 | MCSDK |
| IBL | 1.0.0.2 | MCSDK |
| MAD | 1.0.0.0 | MCSDK |
| EEPROM Writer | 1.0.0.0 | MCSDK |
| NAND Writer | 1.0.0.0 | MCSDK |
| NOR Writer | 1.0.0.0 | MCSDK |
| POST | 1.0.0.2 | MCSDK |
| Demos | | |
| HUA Demo | 2.0.0.1 | MCSDK |
| Image Processing Demo | 1.0.0.0 | MCSDK |
| Other Tools | | |
| CodeGen | 7.2.0 | CCS |
| CCS | 5.0.2.00006 | download |

| | | |
|---------------------------|------------|--------------------------|
| C66x Functional Simulator | 1.0.0 | CCS |
| XDCTools | 3.20.08.88 | CCS |
| CG_XML | 2.2 | download |
| Python | 2.7.1 | download |

New features

- C6670 EVM support added

Issues fixed in this Release

| id | Severity | State | Headline | Found In Product | Found In Release Version | Affected Targets |
|---------------|----------|---------|--|------------------|--------------------------|------------------|
| SDOCM00079340 | Major | Planned | On system reset, sometimes Ethernet packets are not received | BIOS-MCSDK | 02.00.00 | C6678 |
| SDOCM00079839 | Minor | Planned | Installer sometimes has an error at the end of the installation stage | BIOS-MCSDK | 02.00.00 | C6678 |
| SDOCM00079937 | Minor | Planned | DOC: BIOS MCSDK release notes link in Eclipse is broken | BIOS-MCSDK | 02.00.00 | C6678 |
| SDOCM00080174 | Critical | Planned | Automatic software update via Eclipse does not work after updating installer to beta1a | BIOS-MCSDK | 02.00.00 | C6678 |

Other bug fixes:

- In Eclipse help the release note link for MCSDK is broken
- POST does not display FPGA version
- PLATFORM LIB: platform_lib_lite needs some documentation on intent/purpose
- PDK LLD UserGuide: Documnet the LLD user guide information in wiki Userguide

9.2.8 Build 2.0.0.6

This is the Beta-1 release of BIOS MCSDK 2.0.

| Component | Version | Installer |
|--------------------------|------------|-----------|
| PDK-C6678 | 1.0.0.6 | MCSDK |
| PDK-C6670 | 1.0.0.6 | MCSDK |
| Platform Library (C6678) | 2.0.0.5 | MCSDK |
| NDK | 2.20.03.24 | MCSDK |

| | | |
|---------------------------|-------------|--------------------------|
| IPC | 1.22.03.23 | CCS |
| EDMA3 LLD | 2.11.1.2 | MCSDK |
| SYS/BIOS | 6.31.04.27 | CCS |
| DSPLIB | 3.0.0.5 | MCSDK |
| IMGLIB | 3.0.0.5 | MCSDK |
| MCSDK Tools | | |
| BIN2CCS | 1.0.0.0 | MCSDK |
| IBL | 1.0.0.1 | MCSDK |
| MAD | 1.0.0.0 | MCSDK |
| EEPROM Writer | 1.0.0.0 | MCSDK |
| NAND Writer | 1.0.0.0 | MCSDK |
| NOR Writer | 1.0.0.0 | MCSDK |
| POST | 1.0.0.0 | MCSDK |
| Demos | | |
| HUA Demo | 2.0.0.1 | MCSDK |
| Image Processing Demo | 1.0.0.0 | MCSDK |
| Other Tools | | |
| CodeGen | 7.2.0 | CCS |
| CCS | 5.0.2.00006 | download |
| C66x Functional Simulator | 1.0.0 | CCS |
| XDCTools | 3.20.08.88 | CCS |
| CG_XML | 2.2 | download |
| Python | 2.7.1 | download |

New features

- Initial Multicore SDK for KeyStone devices
- C6678 EVM support
- C6678/C6670 simulator support

Issues fixed in this Release

- None (this is the first release)