MPEG2 Main Profile Decoder on C64x+
Version 02.00.02

Release Notes

April 2010

Build ID: 02.00.02.00

The release note is divided into the following sections:

- New In This Release
- Validation Information
- Fixed In This Release
- Known Issues

New In This Release

- Fixed Bugs: SDOCM00063232 and SDOCM00068673.

Validation Information

Release Configuration	Description	Validation Platform
C64XPLUS_MP_001	Default memory configuration of MPEG2 MP Decoder on C64x+ (The codec library will run as is on the following devices: DM6446, DM6437, DM6467, OMAP3530. (Note: L1-D, L1-P and DDR addresses may be different across the devices)	DM644x EVM [Datasheet][User Guide]

This release is validated on the following:

- DM644x EVM
    - Framework Component (FC) version 2.20.00.15
    - DSP/BIOS^{TM} version 5.32.02
    - Code Generation Tools version 6.0.8
    - DVSDK version 1.30.01.41
    - Codec Engine version 2.00.01
    - XDAIS version 6.00.01
    - XDC version 3.00.02

TEXAS INSTRUMENTS

Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00063232	MPEG2 Decoder: Decode and display/dump is not in display order for MP streams(which has "slice start code error")	C64XPLUS_MP_001
SDOCM00068673	MPEG2 Decoder: Reverse play feature does not work.	C64XPLUS_MP_001

Known Issues

- None

TEXAS INSTRUMENTS

MPEG2 Main Profile Decoder on C64x+
Version 2.00

Release Notes

November 2009

Build ID: 2.00.011

The release note is divided into the following sections:

- New In This Release
- Validation Information
- Fixed In This Release
- Known Issues

New In This Release

- Fixed bugs: SDOCM00057731, SDOCM00062310, SDOCM00062694 and SDOCM00062918.

Validation Information

Release Configuration	Description	Validation Platform
C64XPLUS_MP_001	Default memory configuration of MPEG2 MP Decoder on C64x+ (can be used on any of TI's C64x+ based platforms such as DM644x, DM64x, DM643x, OMAP35xx and their derivatives)	DM644x EVM [Datasheet][User Guide]

This release is validated on the following:

- DM644x EVM

    - Framework Component (FC) version 2.20.00.15

    - DSP/BIOS^{TM} version 5.32.02

    - Code Generation Tools version 6.0.8

    - DVSDK version 1.30.01.41

    - Codec Engine version 2.00.01

    - XDAIS version 6.00.01

    - XDC version 3.00.02

TEXAS INSTRUMENTS

Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00057731	OMAP3530 video decode demo; Flicker observed in top portion of video, for specific MPEG2 streams	C64XPLUS_MP_001
SDOCM00062310	MPEG2 Decoder: generated yuv resolution is not same as the input stream resolution for erroneous MP streams	C64XPLUS_MP_001
SDOCM00062694	MPEG2 decoder fails for frameSkipMode as IVIDEO_SKIP_IP, IVIDEO_SKIP_IB etc	C64XPLUS_MP_001
SDOCM00062918	MPEG2 Decoder is unable to decode clips QCIF resolution	C64XPLUS_MP_001

Known Issues

- None