MPEG2 Decoder
Version 1.10.00

Release Notes

September 2010

Build ID: 1.10.00.10

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: SDOCM00072311, SDOCM00071186, SDOCM00071187,and SDOCM00072574.

Validation Information

Release Configuration	Description	Validation Platform
DM6467_MP_001	MPEG2 Main Profile Decoder on DM6467	DM6467 EVM [Datasheet][User Guide]

This release is validated on the following:

- DM6467 EVM

    - Code Composer Studio Version 3.3.49

    - Code Generation Tool version 6.0.16

    - Codec Engine (CE) version 2.10.01 or newer

    - DSP/BIOS™ version 5.31.02

    - HDVICP API version 1.01.017

    - XDAIS version 6.25

TEXAS INSTRUMENTS

Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00072311	Codec produces corrupted output when two (mulitple) instances are run simultaneously.	DM6467_MP_001
SDOCM00071186	SDOCM00071186 Decoder needs at least 4 extra bytes to be supplied to decode the frame, (inArgs->numBytes needs to be set to 4 + frame size)	DM6467_MP_001
SDOCM00071187	The MPEG2 decoder does not decode streams for which horizontal-size is a non-multiple of 16.	DM6467_MP_001
SDOCM00072574	MPEG2 Decoder gives corrupted output for a stream with open GOP	DM6467_MP_001

Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00027799	Performance numbers are high for error streams (Higher by 3 MHz/frame)	DM6467_MP_001
SDOCM00061576	Performance number is higher by 40 MHz (for 30fps) in the case of B frames with De-blocking/De-ringing	DM6467_MP_001

TEXAS INSTRUMENTS

MPEG2 Decoder
Version 1.10.00

Release Notes

April 2010

Build ID: 1.10.00.09

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

- De-Ringing and De-blocking Filter support on MPEG2 MP@HP Decoder on DM6467
- Fixed bug: SDOCM00068373

Validation Information

Release Configuration	Description	Validation Platform
DM6467_MP_001	MPEG2 Main Profile Decoder on DM6467	DM6467 EVM [Datasheet][User Guide]

This release is validated on the following:

- DM6467 EVM
    - Code Composer Studio Version 3.3.49
    - Code Generation Tool version 6.0.16
    - Codec Engine (CE) version 2.10.01 or newer
    - DSP/BIOS™ version 5.31.02
    - HDVICP API version 1.01.017
    - XDAIS version 6.25

TEXAS INSTRUMENTS

Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00068373	2D2D DMA linked transfer working incorrectly	DM6467_MP_001

Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00027799	Performance numbers are high for error streams (Higher by 3 MHz/frame)	DM6467_MP_001
SDOCM00061576	Performance number is higher by 40 MHz (for 30fps) in the case of B frames with De-blocking/De-ringing	DM6467_MP_001