MPEG 4 Simple Profile Encoder
Version 01.10.00

Release Notes

February 2012

Build ID: 01.10.00.06

The release note is divided into the following sections:

New In This Release

- Fixed Defects SDOCM00089396, SDOCM00089397 and SDOCM00089398

Release Contents

The contents of this release are:

- Library and interface header files for MPEG4 Encoder
- Sample Test vectors and Test application code
- MPEG4 Encoder User Guide, Datasheet, and Release Notes

Validation Information

Release Configuration	Description	Validation Platform
210_V_MPEG4_E_01_10	MPEG 4 Simple Profile Encoder on DM365	DM365 EVM [Datasheet] [User Guide]

This release is validated on the following:

- DM365 EVM Standalone (Code Composer Studio based)
    - Code Composer Studio 3.3.81.6 (Service Release SR11)
    - Code Generation Tool version 4.1.3
    - Framework Component (FC) version 2.23
    - XDC version 3.10.02
    - SDXDS560R Version 30329A

- DM365 EVM (Linux)
    - Framework Component (FC) version 2.23

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- XDC version 3.15.00.10
- LSP version 2.10

Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00089396	UMV with OddMBWidth inputs - clarification.	210_V_MPEG4_E_01_10
SDOCM00089397	Corruption can occur at low Q values if overlay text is involved.	210_V_MPEG4_E_01_10
SDOCM00089398	RateControlPreset does not accept 'XDM_DEFAULT' option.	210_V_MPEG4_E_01_10

Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00058720	Rotation is not supported for 720p and higher resolutions	210_V_MPEG4_E_01_10
SDOCM00057729	UMV not supported for odd MB width resolution.	210_V_MPEG4_E_01_10
SDOCM00057803	For 420SP input, the MPEG4 Encoded bitstream has artifacts if a. Width <=240 (and/or) b. Rotation is enabled.	210_V_MPEG4_E_01_10

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