

MPEG 4 Simple Profile Encoder

Version 01.10.00

Release Notes

August 2010

Build ID: 01.10.00.03

The release note is divided into the following sections:

- [New In This Release](#)
- [Release Contents](#)
- [Validation Information](#)
- [Fixed In This Release](#)
- [Known Issues](#)

New In This Release

- Fixed defect: SDOCM00059539, SDOCM00069349, and SDOCM00068863

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
 - XDC version 3.15.00.10
 - LSP version 2.10

Fixed In This Release

| Defect ID | Description | Applicable Release Configuration |
|---------------|-----------------------------------------------------------------|----------------------------------|
| SDOCM00059539 | MPEG4 Encoder process call does not return if | 210_V_MPEG4_E_01_10 |
| SDOCM00069349 | SkipMBAIgo = 1 and UMV = 1. | |
| SDOCM00068863 | DM365 MPEG4 Encoder gives wrong output with 1440x912, 1376x768. | 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 <ul style="list-style-type: none"> a. Width <=240 (and/or) b. Rotation is enabled. | 210_V_MPEG4_E_01_10 |