

# MPEG2 Main Profile Encoder

## Version 01.00.00

### Release Notes

September 2010

Build ID: 01.00.00.07

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

- None

#### Validation Information

Release Configuration	Description	Validation Platform
210_V_MPEG2_E_01_00	MPEG2 Main Profile Encoder on DM365 EVM	DM365 EVM <a href="#">[Datasheet]</a> <a href="#">[User Guide]</a>

This release is validated on the following:

- DM365 EVM on LINUX
  - Framework components Version 2.24.01.06
  - XDC tools Version 3.15.00.12
  - Codec Engine 2.24
  - BIOS Version 5.32.00.02
  - LSP Release Version 02.10.00.08
  - MVL tool chain Version 5.0



## Fixed In This Release

Defect ID	Description	Release Configuration
None	Picture_coding_extension chroma_420_type must be the same as progressive_frame for video sequence.	210_V_MPEG2_E_01_00
None	Stand-alone application doesn't do RMAN_unregister for IRESMAN_HDVICP and IRESMAN_ADDRSPACE	210_V_MPEG2_E_01_00
SDOCM00069800	Top field first flag	210_V_MPEG2_E_01_00
SDOCM00067006	"imp4venc.h" of mpeg4 enc and "imp2venc.h" of mpeg2 enc has same declaration of structure "exportMEdata".	210_V_MPEG2_E_01_00
SDOCM00067964	Dvtb Floating point exception thrown during mpeg2 encode operation when intraFrameInterval set to 0.	210_V_MPEG2_E_01_00
None	Renamed structure definitions in imp2venc.h	210_V_MPEG2_E_01_00

## Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00065188	VBV non compliance at very low, very high target bit rates and low maxDelay	210_V_MPEG2_E_01_00
SDOCM00065189	Chroma trails and color bleeding in field encoding at low bitrates for very high motion input content	210_V_MPEG2_E_01_00

# MPEG2 Main Profile Encoder

## Version 01.00.00

### Release Notes

December 2009

Build ID: 01.00.00.04

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

- First release of MPEG2 Encoder on DM365 EVM

#### Validation Information

Release Configuration	Description	Validation Platform
210_V_MPEG2_E_01_00	MPEG2 Main Profile Encoder on DM365 EVM	DM365 EVM [Datasheet] [User Guide]

This release is validated on the following:

- DM365 EVM on LINUX
  - Framework components Version 2.24.01.06
  - XDC tools Version 3.15.00.12
  - Codec Engine 2.24
  - BIOS Version 5.32.00.02
  - LSP Release Version 02.10.00.08
  - MVL tool chain Version 5.0



## Fixed In This Release

- None

## Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00065188	VBV non compliance at very low, very high target bit rates and low maxDelay	210_V_MPEG2_E_01_00
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