

# MPEG-2 Main Profile Decoder

## Version 01.00.16

### Release Notes

**February 2016**

#### Build ID: 01.00.16.01

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

- Refer to Fixed In This Release section

#### Validation Information

Release Configuration	Description	Validation Platform
IVAHD_001	MPEG-2 Main Profile Decoder, which runs on HDVICP2 and Media Controller based SOCs.	DM816x REV-A2 DDR2 EVM <a href="#">[User Guide]</a> <a href="#">[Data Sheet]</a>

This release is validated on DM816x REV-A2 DDR2 EVM using following components

- Code Composer Studio (CCSv4) version 4.2.0.09000
- Code Generation Tool version 4.5.1 for HDVICP2 processor
- Code Generation Tool version 5.0.3 for Media Controller
- Framework Component version 3.20.00.22
- HDVICP2 API (01.00.00.23)
- HDVICP2 CSP (Containing CSL) version 00.05.02.00
- BIOS version 6.30.02.42



- Codec Engine (CE) version 3.20.00.16
- XDC tools version 3.20.04.68

## Fixed In This Release

Defect ID	Description	Applicable Release Configuration
OMAPS00331190	Codec sets error in case of 1-referece B-frame in closedGop.	IVAHD_001

## Known Issues

None



# MPEG-2 Main Profile Decoder

## Version 01.00.15

### Release Notes

**January 2016**

#### Build ID: 01.00.15.01

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

- Refer to Fixed In This Release section

#### Validation Information

Release Configuration	Description	Validation Platform
IWAHD_001	MPEG-2 Main Profile Decoder, which runs on HDVICP2 and Media Controller based SOCs.	DM816x REV-A2 DDR2 EVM <a href="#">[User Guide]</a> <a href="#">[Data Sheet]</a>

This release is validated on DM816x REV-A2 DDR2 EVM using following components

- Code Composer Studio (CCSv4) version 4.2.0.09000
- Code Generation Tool version 4.5.1 for HDVICP2 processor
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- Framework Component version 3.20.00.22
- HDVICP2 API (01.00.00.23)
- HDVICP2 CSP (Containing CSL) version 00.05.02.00
- BIOS version 6.30.02.42
- Codec Engine (CE) version 3.20.00.16



— XDC tools version 3.20.04.68

## Fixed In This Release

Defect ID	Description	Applicable Release Configuration
OMAPS00330418	Decoder releases the output buffer twice when Flush is applied before a B frame.	IVAHD_001

## Known Issues

None

## MPEG-2 Main Profile Decoder



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# Version 01.00.14

## Release Notes

### July 2014

#### Build ID: 01.00.14.01

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

- Refer to Fixed In This Release section

#### Validation Information

Release Configuration	Description	Validation Platform
IVAHD_001	MPEG-2 Main Profile Decoder, which runs on HDVICP2 and Media Controller based SOCs.	DM816x REV-A2 DDR2 EVM <a href="#">[User Guide]</a> <a href="#">[Data Sheet]</a>

This release is validated on DM816x REV-A2 DDR2 EVM using following components

- Code Composer Studio (CCSv4) version 4.2.0.09000
- Code Generation Tool version 4.5.1 for HDVICP2 processor
- Code Generation Tool version 5.0.3 for Media Controller
- Framework Component version 3.20.00.22
- HDVICP2 API (01.00.00.23)
- HDVICP2 CSP (Containing CSL) version 00.05.02.00
- BIOS version 6.30.02.42
- Codec Engine (CE) version 3.20.00.16
- XDC tools version 3.20.04.68



## Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00106454	MPEG2 decoder hangs, when flush is invoked without submitting frames	IVAHD_001

## Known Issues

None

# MPEG-2 Main Profile Decoder

**Version 01.00.13**

## Release Notes



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# September 2013

## Build ID: 01.00.13.01

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

- MPEG2 Decoder Media Controller library is compiled with Code Generation tools v5.0.3 to produce ELF compliant binaries
- Migration of HDVICP2 API to 01.00.00.21

## Validation Information

Release Configuration	Description	Validation Platform
IVAHD_001	MPEG-2 Main Profile Decoder, which runs on HDVICP2 and Media Controller based SOCs.	DM816x REV-A2 DDR2 EVM <a href="#">[User Guide]</a> <a href="#">[Data Sheet]</a>

This release is validated on DM816x REV-A2 DDR2 EVM using following components

- Code Composer Studio (CCSv4) version 4.2.0.09000
- Code Generation Tool version 4.5.1 for HDVICP2 processor
- Code Generation Tool version 5.0.3 for Media Controller
- Framework Component version 3.20.00.22
- HDVICP2 API (01.00.00.21)
- HDVICP2 CSP (Containing CSL) version 00.05.02.00
- BIOS version 6.30.02.42
- Codec Engine (CE) version 3.20.00.16
- XDC tools version 3.20.04.68

## Fixed In This Release



None

## **Known Issues**

None



# MPEG-2 Main Profile Decoder

## Version 01.00.12

### Release Notes

**May 2013**

#### Build ID: 01.00.12.00

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

- Refer to Fixed In This Release section

#### Validation Information

Release Configuration	Description	Validation Platform
IWAHD_001	MPEG-2 Main Profile Decoder, which runs on HDVICP2 and Media Controller based SOCs.	DM816x REV-A2 DDR2 EVM <a href="#">[User Guide]</a> <a href="#">[Data Sheet]</a>

This release is validated on DM816x REV-A2 DDR2 EVM using following components

- Code Composer Studio (CCSv4) version 4.2.0.09000
- Code Generation Tool version 4.5.1
- Framework Component version 3.20.00.22
- HDVICP2 API (01.00.00.19)
- HDVICP2 CSP (Containing CSL) version 00.05.02.00
- BIOS version 6.30.02.42



- Codec Engine (CE) version 3.20.00.16
- XDC tools version 3.20.04.68

## Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00095768	MPEG2 decoder produces a lot of artifacts	IVAHD_001
SDOCM00101437	Same enum names in MJPEG and MPEG2	IVAHD_001
SDOCM00101516	VDMA Tiler Base Address calculation issue	IVAHD_001

## Known Issues

None