VC1 Advanced Profile Decoder
Version 01.00.02

Release Notes

December 2017

Build ID: 01.00.02.06

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	VC1 Advanced Profile Decoder on OMAP4	CCSv4 and OMAP4 ES1.0 [Datasheet] [User Guide]

This release is dependent on the following components:

- Code Composer Studio (CCSv4) Version 4.2.0.09000
- Code Generation Tool version 4.5.1
- Framework Components version 3.20.00.22 GA
- HDVICP20 API Library version 01.00.00.22
- HDVICP2 chip support library 00.05.02.00

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

- BIOS Version 6.30.02.42 GA
- CE version 3.20.00.16 GA
- XDC tools version 3.20.04.68 GA

Fixed In This Release

JIRA ID	Description	Configuration
PSDKLA-3933	IVAHD hangs with trick-play scenario.	IVAHD_001

Known Issues

None

TEXAS
INSTRUMENTS

VC1 Advanced Profile Decoder
Version 01.00.02

Release Notes

August 2016

Build ID: 01.00.02.05

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	VC1 Advanced Profile Decoder on OMAP4	CCSv4 and OMAP4 ES1.0 [Datasheet] [User Guide]

This release is dependent on the following components:

- Code Composer Studio (CCSv4) Version 4.2.0.09000
- Code Generation Tool version 4.5.1
- Framework Components version 3.20.00.22 GA
- HDVICP20 API Library version 01.00.00.22
- HDVICP2 chip support library 00.05.02.00

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

- BIOS Version 6.30.02.42 GA
- CE version 3.20.00.16 GA
- XDC tools version 3.20.04.68 GA

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Fixed In This Release

JIRA ID	Description	Configuration
CODECS-2418	Modified the default value of frameLayerDataPresentFlag in baseclass params.	IVAHD_001

Known Issues

None

TEXAS INSTRUMENTS

VC1 Advanced Profile Decoder
Version 01.00.02

Release Notes

December 2015

Build ID: 01.00.02.04

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

- Refer to Fixed in This Release Section.

Validation Information

Release Configuration	Description	Validation Platform
IVAHD_001	VC1 Advanced Profile Decoder on OMAP4	CCSv4 and OMAP4 ES1.0 [Datasheet] [User Guide]

This release is dependent on the following components:

- Code Composer Studio (CCSv4) Version 4.2.0.09000
- Code Generation Tool version 4.5.1
- Framework Components version 3.20.00.22 GA
- HDVICP20 API Library version 01.00.00.22
- HDVICP2 chip support library 00.05.02.00

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

- BIOS Version 6.30.02.42 GA
- CE version 3.20.00.16 GA
- XDC tools version 3.20.04.68 GA

TEXAS INSTRUMENTS

Fixed In This Release

SDOCM ID	Description	Configuration
OMAPS00328894	During FF/REW, screen becomes GRAY.	IVAHD_001

Known Issues

None

TEXAS
INSTRUMENTS

VC1 Advanced Profile Decoder
Version 01.00.02

Release Notes

October 2015

Build ID: 01.00.02.03

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	VC1 Advanced Profile Decoder on OMAP4	CCSv4 and OMAP4 ES1.0 [Datasheet] [User Guide]

This release is dependent on the following components:

- Code Composer Studio (CCSv4) Version 4.2.0.09000
- Code Generation Tool version 4.5.1
- Framework Components version 3.20.00.22 GA
- HDVICP20 API Library version 01.00.00.22
- HDVICP2 chip support library 00.05.02.00

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

- BIOS Version 6.30.02.42 GA
- CE version 3.20.00.16 GA
- XDC tools version 3.20.04.68 GA

Fixed In This Release

SDOCM ID	Description	Configuration
OMAPS00327959	Due to unavailability of sequence header start code in 2048 bytes, Codec Freezes.	IVAHD_001

Known Issues

None

TEXAS
INSTRUMENTS

VC1 Advanced Profile Decoder
Version 01.00.02

Release Notes

September 2015

Build ID: 01.00.02.02

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	VC1 Advanced Profile Decoder on OMAP4	CCSv4 and OMAP4 ES1.0 [Datasheet] [User Guide]

This release is dependent on the following components:

- Code Composer Studio (CCSv4) Version 4.2.0.09000
- Code Generation Tool version 4.5.1
- Framework Components version 3.20.00.22 GA
- HDVICP20 API Library version 01.00.00.22
- HDVICP2 chip support library 00.05.02.00

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

- BIOS Version 6.30.02.42 GA
- CE version 3.20.00.16 GA
- XDC tools version 3.20.04.68 GA

![Texas Instruments]

Fixed In This Release

SDOCM ID	Description	Configuration
OMAPS00325637	Artifacts are observed with vendetta clip	IVAHD_001

Known Issues

None

TEXAS
INSTRUMENTS

VC1 Advanced Profile Decoder
Version 01.00.02

Release Notes

June 2015

Build ID: 01.00.02.01

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	VC1 Advanced Profile Decoder on OMAP4	CCSv4 and OMAP4 ES1.0 [Datasheet] [User Guide]

This release is dependent on the following components:

- Code Composer Studio (CCSv4) Version 4.2.0.09000
- Code Generation Tool version 4.5.1
- Framework Components version 3.20.00.22 GA
- HDVICP20 API Library version 01.00.00.22
- HDVICP2 chip support library 00.05.02.00

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

- BIOS Version 6.30.02.42 GA
- CE version 3.20.00.16 GA
- XDC tools version 3.20.04.68 GA

TEXAS INSTRUMENTS

Fixed In This Release

SDOCM ID	Description	Configuration
SDOCM00117234	VC1 decoder gives corruption output due to the wrong validation of TRANSFER_CHAR flag	IVAHD_001

Known Issues

None

VC1 Advanced Profile Decoder
Version 01.00.02

Release Notes

April 2015

Build ID: 01.00.02.00

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

- Bounding Box Implementation for DDR Bandwidth optimization.

Validation Information

Release Configuration	Description	Validation Platform
IVAHD_001	VC1 Advanced Profile Decoder on OMAP4	CCSv4 and OMAP4 ES1.0 [Datasheet] [User Guide]

This release is dependent on the following components:

- Code Composer Studio (CCSv4) Version 4.2.0.09000
- Code Generation Tool version 4.5.1
- Framework Components version 3.20.00.22 GA
- HDVICP20 API Library version 01.00.00.22
- HDVICP2 chip support library 00.05.02.00

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

- BIOS Version 6.30.02.42 GA
- CE version 3.20.00.16 GA
- XDC tools version 3.20.04.68 GA

TEXAS INSTRUMENTS

Fixed In This Release

SDOCM ID	Description	Configuration
SDOCM00115989	VC1 decoder SETPARAMS fails with default dynamicParams VC1VDEC_TI_DYNAMICPARAMS	IVAHD_001

Known Issues

None

TEXAS
INSTRUMENTS

VC1 Advanced Profile Decoder
Version 01.00.01

Release Notes

March 2015

Build ID: 01.00.01.00

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

- DDR Bandwidth optimization is done over previous version

Validation Information

Release Configuration	Description	Validation Platform
IVAHD_001	VC1 Advanced Profile Decoder on OMAP4	CCSv4 and OMAP4 ES1.0 [Datasheet] [User Guide]

This release is dependent on the following components:

- Code Composer Studio (CCSv4) Version 4.2.0.09000
- Code Generation Tool version 4.5.1
- Framework Components version 3.20.00.22 GA
- HDVICP20 API Library version 01.00.00.22
- HDVICP2 chip support library 00.05.02.00

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

- BIOS Version 6.30.02.42 GA
- CE version 3.20.00.16 GA

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- XDC tools version 3.20.04.68 GA

Fixed In This Release

None

Known Issues

SDOCM ID	Description	Configuration
SDOCM00115484	Limited testing has been done on this release 01.00.01.00	IVAHD_001

TEXAS
INSTRUMENTS

VC1 Advanced Profile Decoder
Version 01.00.00

Release Notes

January 2015

Build ID: 01.00.00.14

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	VC1 Advanced Profile Decoder on OMAP4	CCSv4 and OMAP4 ES1.0 [Datasheet] [User Guide]

This release is dependent on the following components:

- Code Composer Studio (CCSv4) Version 4.2.0.09000
- Code Generation Tool version 4.5.1
- Framework Components version 3.20.00.22 GA
- HDVICP20 API Library version 01.00.00.22
- HDVICP2 chip support library 00.05.02.00

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

- BIOS Version 6.30.02.42 GA

TEXAS INSTRUMENTS

- CE version 3.20.00.16 GA
- XDC tools version 3.20.04.68 GA

Fixed In This Release

SDOCM ID	Description	Configuration
OMAPS00316044	VC1 bird clip generates artifacts	IVAHD_001
OMAPS00316046	VC1 goat clips display ordering	IVAHD_001

Known Issues

None

TEXAS
INSTRUMENTS

VC1 Advanced Profile Decoder
Version 01.00.00

Release Notes

July 2014

Build ID: 01.00.00.13

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	VC1 Advanced Profile Decoder on OMAP4	CCSv4 and OMAP4 ES1.0 [Datasheet] [User Guide]

This release is dependent on the following components:

- Code Composer Studio (CCSv4) Version 4.2.0.09000
- Code Generation Tool version 4.5.1
- Framework Components version 3.20.00.22 GA
- HDVICP20 API Library version 01.00.00.22
- HDVICP2 chip support library 00.05.02.00

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

- BIOS Version 6.30.02.42 GA
- CE version 3.20.00.16 GA
- XDC tools version 3.20.04.68 GA

TEXAS INSTRUMENTS

Fixed In This Release

SDOCM ID	Description	Configuration
SDOCM00108544	Bit mismatch observed in decoded YUV of specific VC1 bit stream	IVAHD_001
OMAPS00309652	DCE - BD Madagascar 2 hangs at start up	IVAHD_001

Known Issues

None

TEXAS
INSTRUMENTS

VC1 Advanced Profile Decoder
Version 01.00.00

Release Notes

April 2014

Build ID: 01.00.00.12

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	VC1 Advanced Profile Decoder on OMAP4	CCSv4 and OMAP4 ES1.0 [Datasheet] [User Guide]

This release is dependent on the following components:

- Code Composer Studio (CCSv4) Version 4.2.0.09000
- Code Generation Tool version 4.5.1
- Framework Components version 3.20.00.22 GA
- HDVICP20 API Library version 01.00.00.22
- HDVICP2 chip support library 00.05.02.00

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

- BIOS Version 6.30.02.42 GA
- CE version 3.20.00.16 GA
- XDC tools version 3.20.04.68 GA

Fixed In This Release

SDOCM ID	Description	Configuration
OMAPS00307260	Artifacts shown while decoding VC1 on VC1VDEC ver. 01_00_00_11	IVAHD_001

Known Issues

None

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INSTRUMENTS