H.264 Decoder
Version 01.01.05

Release Notes

May 2015

Build ID: 01.01.05.01

- 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

- Validated decoder with more error streams and bug fixes for error streams.

- Modified decoder DPB logic such that decoder will return one output buffer at a time.

Validation Information

Release Configuration	Description	Validation Platform
C6678_HP_001	H.264 High Profile Decoder on TMS320C6678 EVM	TMS320C6678 EVM [Datasheet][User Guide]

- This release is validated on the following:

    - TMS320C6678 EVM

        – Framework Component (FC) version 3.23.02.16

        – SYS/BIOS^{TM} version 6.33.06.50

        – Code Generation Tool version 7.4.0

        – XDC Tools version 3.23.04.60

        – BIOS IPC version 1.24.03.32

        – XDAIS version 7.23.00.06

TEXAS INSTRUMENTS

– EDMA3 LLD version 02.11.05.02

Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00114632	H264 decoder buffers leak (e2e issue)	C6678_HP_001
SDOCM00114310	H264 HP decoder - Change DPB logic to output only one display frame in each process call	C6678_HP_001

Known Issues

- Multiple instances of the codec have not been tested.

Defect ID	Description	Applicable Release Configuration
1	H.264 Decoder fails for vectors containing only 1MB	C6678_HP_001
2	Monochrome format is not supported	C6678_HP_001

TEXAS INSTRUMENTS