MPEG4 Simple Profile Encoder
Version 02.04.01

Release Notes

January 2013

Build ID: 02.04.01.02

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

Validation Information

Release Configuration	Description	Validation Platform
C6678_SP_001	MPEG4 Simple Profile Encoder on TMS320C6678 EVM	TMS320C6678 [Datasheet][User Guide]

This release is validated on the following:

- TMS320C6678
    - Framework Component (FC) version 3.22.03.09
    - DSP/BIOS™ version 6.33.04.39
    - Code Generation Tool version 7.4.0
    - XDC Tools version 3.23.04.27
    - BIOS IPC version 1.24.02.27
    - XDIAS version 7.22.00.03
    - EDMA3 LLD version 02.11.05.02

TEXAS INSTRUMENTS

Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00097858	Use FC lite package and remove dependency on fctools which exists in FC full package	C6678_SP_001

Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00025676	For low bit rates and for few streams, encoding with H.263 mode ON and RC enabled gives poor visual quality..	C6678_SP_001
SDOCM00026327	Blockiness is seen when encoding flat areas for low bit rate encoding.	C6678_SP_001
SDOCM00052474	Breathing artifacts seen for few streams - this is due to lower I frame quality.	C6678_SP_001
SDOCM00026347	For few Streams, VBV underflow / overflow error reported by Vprove for MPEG4 encoded streams	C6678_SP_001
SDOCM00065744	Complete Testing for RateControlMethod = 9 (Constant Bit Rate) is not yet done.	C6678_SP_001
SDOCM00082368	EDMA related code cleanup is needed for MPEG4 encoder	C6678_SP_001

TEXAS INSTRUMENTS