

H.264 Baseline Profile Encoder Version 2.01

Release Notes

July 2009

Build ID: 2.01.013

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

- Bug fix release

Validation Information

Release Configuration	Description	Validation Platform
OMAP3530_BP_001	H.264 Baseline Profile Encoder on OMAP3530 platform	OMAP3530 EVM [Datasheet] [User Guide]

This release is validated on the following:

- OMAP3530 EVM with XDS560 PCI JTAG
 - Code Composer Studio version 3.3.46.1
 - Code Generation Tool version 6.0.8
 - Framework Component (FC) version 2.20.00.15
 - DSP/BIOS™ version 5.32.02
 - XDAIS version 6.20.00.07
 - XDC version 3.00.06

Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00060400	Clean up Test Files for the H264 OMAP encoder	OMAP3530_BP_001

Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00025339	Macro block is too large. The number of bits of macroblock_layer () data must not exceed 3200 bits.	OMAP3530_BP_001
SDOCM00025899	maxBytesPerSlice requirement may not meet for very less size	OMAP3530_BP_001
SDOCM00026024	Encoder estimates motion for sequence with no motion	OMAP3530_BP_001
SDOCM00027629	With FMO feature enabled, only for some cases(Interleave, Foreground with left-over), the encoder output does not pass JM conformance	OMAP3530_BP_001
SDOCM00027837	Deviation observed in the TI PSNR value with respect to JM reference PSNR for some of the sequences where encoding was done for high motion sequence at low bit-rate.	OMAP3530_BP_001
SDOCM00052158	Rate control issue I frame encoded with lower quality results in poorer quality P frames Hence visible breathing artifacts	OMAP3530_BP_001