

MPEG4 Advanced Simple Profile Decoder

Version 02.01.00

Release Notes

November 2009

Build ID: 02.01.00.00

The release note is divided into the following sections:

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New In This Release

- Supports Advanced Simple Profile

Validation Information

Release Configuration	Description	Validation Platform
C64XPLUS_ASP_002	MPEG4 Advanced Simple Profile Decoder on C64x+ based platform, decodes frames up to WVGA (854x480 and 480x854) and D1 (720x576) (can be used on any of TI's C64x+ based platforms such as DM644x, DM643x, OMAP35xx and their derivatives)	OMAP3530 EVM [Datasheet] [User Guide]

This release is validated on the following:

- OMAP3530 EVM
 - Framework Component (FC) version 2.20.01
 - DSP/BIOS™ version 5.31.02
 - Code Generation Tool version 6.0.8



Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00061084	Decoder does not respond correctly to XDM_FLUSH command	C64XPLUS_ASP_002
SDOCM00059206	MPEG4 Decoder is not preserving all important performance in any framework via link.xdt	C64XPLUS_ASP_002

Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00027780	For few of the engineered streams Error Concealment is not better than reference decoders	C64XPLUS_ASP_002
SDOCM00025410	Cumulative error with respect to standard Momusys implementation could be more than one-bit.	C64XPLUS_ASP_002
SDOCM00025700	Due to precision loss in IDCT kernel, some engineered streams might give visual distortion	C64XPLUS_ASP_002