JPEG Progressive Support Decoder on C64x+ Version 02.00.02

Release Notes

March 2011

Build ID: 02.00.02.00

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

- Fixed bug: SDOCM00079703
- Fixed bug: SDOCM00062347
- Fixed bug: SDOCM00062397

Validation Information

Release Configuration	Description	Validation Platform
C64XPLUS_PS_001	JPEG Progressive Support decoder on C64x+ (can be used on any of TI's C64x+ based platforms such as DM644x, DM648, DM643x, OMAP35xx and their derivatives)	DM6446 EVM [Datasheet] [User Guide]

This release is validated on the following:

- DM6446 EVM
    - DSP/BIOS™ version 5.31.02
    - Code Generation Tool version 6.0.8

Texas Instruments

Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00079703	Color shift was seen for YUV422ILE output chroma format	C64XPLUS_PS_001
SDOCM00062347	Add an example that would show how to Compute the processing time for the REMI0003.jpg	C64XPLUS_PS_001
SDOCM00062397	Remove control (XDM_SETPARAMS) requirement after process() when processing MJPEG	C64XPLUS_PS_001

Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00026281	JPEG decoder does not decode streams with invalid or non standard chroma format	C64XPLUS_PS_001

TEXAS INSTRUMENTS