J2K Encoder
Version 01.00.01

Release Notes

November 2013

Build ID: 01.00.01.01

The release note is divided into the following sections:

- New In This Release
- Validation Information
- Fixed In This Release
- Known/Pending Issues

New In This Release

- Support for image sizes up to 6600 x 4400
- Updated datasheet
- Bug fixes

Validation Information

Release Configuration	Description	Validation Platform
C6678_J2E_001	JPEG2K Encoder on multi-core C66x based platform	TMS320C6678 EVM [Datasheet][User Guide]

This release is validated on the following:

- C6678 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
    - XDAIS version 7.23.00.06
    - EDMA3 LLD version 02.11.05.02.

TEXAS INSTRUMENTS

- Validated using non-standard image database having custom frame sizes 4096 x 2160 (DCI Standard) and 6600 x 4400.

Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00102030	Extend J2K Encoder to support 6Kx4K images	C6678_J2E_001
SDOCM00104166	J2KENC: the encoded J2K image cannot be decoded by J2KDEC	C6678_J2E_001
SDOCM00104899	J2K Encoder: data sheet needs to be updated	C6678_J2E_001

Known/Pending Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00098319	RAW encoding option is not supported	C6678_J2E_001
SDOCM00098320	ROI option is not supported.	C6678_J2E_001
SDOCM00098321	Supports encoding of images having 3 or less components.	C6678_J2E_001
SDOCM00104564	Selection of decomposition level should be such that the smallest band should be greater than 2 x 2	C6678_J2E_001