JPEG Encoder

Version 02.00.01

Release Notes

March 2010

Build ID: 02.00.01.00

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 Bugs: SDOCM00066559, and SDOCM00066560

Validation Information

Release Configuration	Description	Validation Platform
C64XPLUS_BL_001	JPEG Baseline Encoder on C64x+ based platform (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 6.0.14

TEXAS INSTRUMENTS

Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00066559	"idmjpge.h" of jpeg encoder does not include heades from base package path	C64XPLUS_BL_001
SDOCM00066560	Jpeg Encoder: generates only 2 bytes in Encode only header mode	C64XPLUS_BL_001

Known Issues

- None

JPEG Encoder

Version 2.00

Release Notes

December 2008

Build ID: 2.00.002

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

- Migration of JPEG Baseline Encoder from XDM 0.9 (eXpressDSP Digital Media IIMGENC) interface to XDM 1.0 (IIMGENC1) interface.
- Supports Joint File Interchange Format (JFIF) style header.
- Supports custom quantization tables.
- Supports Thumbnail.
- Supports DRI marker insertions in the compressed bit-stream.
- Supports insertion of application data APP0, APP1, and APP13.
- Previous release for this version is 1.13. The release note for this version is appended.

Validation Information

Release Configuration	Description	Validation Platform
C64XPLUS_BL_001	JPEG Baseline Encoder on C64x+ based platform (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]

TEXAS INSTRUMENTS

This release is validated on the following:

- DM6446 EVM
  - DSP/BIOS^{TM} version 5.31.02
  - Code Generation Tool version 6.0.14

Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00027228	Ability to set the quantization tables	C64XPLUS_BL_001

Known Issues

- None