JPEG Sequential Decoder
Version 01.00.00

Release Notes

August 2010

Build ID: 01.00.00.10

The release note is divided into the following sections:

- New In This Release
- Release Contents
- Validation Information
- Fixed In This Release
- Known Issues

New In This Release

- Fixed defects: SDOCM00070692

Release Contents

The contents of this release are:

- Library for JPEG Decoder
- Library for iMX module
- Sample test vectors and test application code
- JPEG Decoder User Guide, Datasheet, and Release Notes

Validation Information

Release Configuration	Description	Validation Platform
210_I_JPEG_D_01_00	JPEG Sequential Decoder on DM365	DM365 EVM [Datasheet] [User Guide]

This release is validated on the following:

- DM365 EVM Standalone (CCS based)
    - Code Composer Studio 3.3.81.6 (Service Release SR11)
    - Code Generation Tool version 4.1.3
    - Framework Component (FC) version 2.23

TEXAS INSTRUMENTS

- XDC version 3.10.02
- SDXDS560R Version 30329A

- DM365 EVM (Linux)
  - Framework Component (FC) version 2.23
  - XDC version 3.15.00.10
  - LSP version 2.10

Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00070692	Decoder hangs in Slice Mode	210_I_JPEG_D_01_00

Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00058724	Does not support both Rotation and Area Decode simultaneously	210_I_JPEG_D_01_00
SDOCM00059587	JPEG Decoder produces dark picture for YUV 444 Input if rotation is enabled and resize is odd. Note: For this use case, user can do resize of YUV 444 image through JPEG decoder and rotation in test application	210_I_JPEG_D_01_00
SDOCM00069237	While using Area Decode feature, start offset MUST be (0,0) for 420 SP output format, else decoded output has artifacts. Note: For non-zero start offset support, user can choose 422ILE as output format.	210_I_JPEG_D_01_00
SDOCM00069212	For 420SP output format, decoded image has artifacts if rotation is enabled and resize parameter is set to 3.	210_I_JPEG_D_01_00
SDOCM00069238	For 444P input, rotation of 180 degree together with odd resize produces artifacts in output.	210_I_JPEG_D_01_00

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