StereoVision on DSP Version 00.02.02.00

Release Notes

May 2015

Build ID: 00.02.02.00

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

Bug fix to remove noise along borders of the disparity output

Validation Information

Release Configuration

Description

Validation Platform

STEREOVISION 001

StereoVision post processing module runs on TI TMS320C66X DSP

Code Composer Studio [Datasheet][User Guide]

This release is validated on the following:

- TDA2x EVM with:
 - Code Composer Studio version 5.5.0.00077
 - Code Generation Tool version 7.4.4
 - XDAIS version 7.24.00.04
 - EDMA3 LLD 02.12.00.20



Fixed In This Release

Defect ID Description Applicable Release Configuration

SDOCM00116497 Artifacts around disparity frame output's STEREO_001

borders

Known Issues

Defect ID Description

Applicable Release Configuration

Build ID: 00.02.00.00

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New In This Release

- Code cleaned-up.
- Parameters moved to argln structures for dynamic update
- More tuning knobs.
- Added left-right check
- Bug fix in texture thresholding



Validation Information

Release Configuration Description **Validation Platform** StereoVision post processing module runs on TI TMS320C66X DSP Code Composer Studio STEREOVISION_001 [Datasheet][User Guide] This release is validated on the following: TDA2x EVM with: Code Composer Studio version 5.5.0.00077 Code Generation Tool version 7.4.4 XDAIS version 7.24.00.04 EDMA3 LLD 02.12.00.20

Fixed In This Release

Defect ID Description Applicable Release Configuration

None Texture thresholding was incorrect STEREO_001

Known Issues

Defect ID Description

Applicable Release Configuration

Build ID: 00.01.00.00

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

• First release of Stereovision Module.

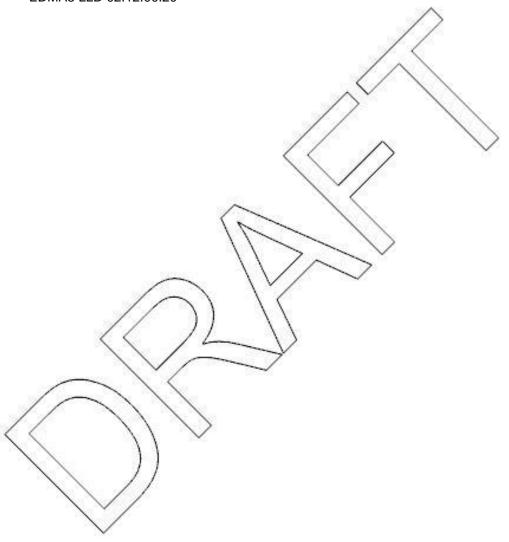
Validation Information

| Release Configuration | Description | Validation Platform |
|-----------------------|---|--|
| STEREOVISION_001 | StereoVision post processing module runs on TI TMS320C66X DSP | Code Composer Studio [Datasheet][User Guide] |



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Fixed In This Release

Defect ID Description Applicable Release Configuration

None NA STEREO_001

