

# Lane Detection on DSP

## Version 00.02.01.00

### Release Notes

**Feb 2015**

#### Build ID: 00.02.01.00

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

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#### Validation Information

##### Release Configuration

LANDET\_001

##### Description

Lane Detection module runs on TI TMS320C66X DSP

##### Validation Platform

Code Composer Studio  
[\[Datasheet\]](#)[\[User Guide\]](#)

This release is validated on the following:

- TDA2x EVM with:
  - Code Composer Studio version 5.1.0.09000
  - Code Generation Tool version 7.4.2
  - XDAIS version 7.24.00.04
  - EDMA3 LLD 02.12.00.20

## Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00114693	Lane Detect Inverse Hough NatC function output incorrect	LANDET_001
SDOCM00114819	Lane detect expects external symbols cache_wb and cache_inv	LANDET_001

## Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00112849	DMA resource is not acquired from EDMA3 LLD – it is assumed inside the algorithm	LANDET_001

# Lane Detection on DSP

## Version 00.02.00.00

### Release Notes

**Jan 2015**

#### Build ID: 00.02.00.00

The release note is divided into the following sections:

- New In This Release
- Validation Information
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#### New In This Release

- Improved curve line detection.
- Includes the lane departure warning information.

#### Validation Information

##### Release Configuration

LANDET\_001

##### Description

Lane Detection module runs on TI TMS320C66X DSP

##### Validation Platform

Code Composer Studio  
[\[Datasheet\]](#)[\[User Guide\]](#)

This release is validated on the following:

- TDA2x EVM with:
  - Code Composer Studio version 5.1.0.09000
  - Code Generation Tool version 7.4.2
  - XDAIS version 7.24.00.04
  - EDMA3 LLD 02.12.00.20

## Fixed In This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00112850	The DMA queue usage is not balanced	LANDET_001
SDOCM00112851	It does not provide lane departure warning information	LANDET_001

## Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00112849	DMA resource is not acquired from EDMA3 LLD – it is assumed inside the algorithm	LANDET_001

# Lane Detection on DSP

## Version 00.01.00.00

### Release Notes

**Oct 2014**

#### 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 Lane Detection Module.

#### Validation Information

##### Release Configuration

##### Description

##### Validation Platform

LANDET\_001

Lane Detection 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 5.1.0.09000
  - Code Generation Tool version 7.4.2
  - XDAIS version 7.22.00.03
  - EDMA3 LLD 02.11.14.19

## Fixed In This Release

Defect ID	Description	Applicable Release Configuration
None	NA	LANDET_001

## Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00112849	DMA resource is not acquired from EDMA3 LLD – it is assumed inside the algorithm	LANDET_001
SDOCM00112850	The DMA queue usage is not balanced	LANDET_001
SDOCM00112851	It does not provide lane departure warning information	LANDET_001
SDOCM00113429	Contrast stretching not supported	LANDET_001