

# AAC LC Decoder on C64x+/C674x

## Version 01.41.00

### Release Notes

August 2011

Build ID: 01.41.00.00

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

- This release of AAC LC Decoder on C64x+ / C674x, ELF and COFF ABI format is validated and profiled on DM8148.
- This codec can be used on any of TI's C64x+ /C674x based platforms such as DM8148, DM644x, DM648, DM643x, DM646x, OMAP35xx, DM816x, DM814x, OMAP-L1x and their derivatives.

#### Validation Information

Release Configuration	Description	Platform Name
C674X_AAC_LC	MPEG4 AAC LC Decoder	C64x+/C674x based platform <a href="#">[Datasheet]</a> <a href="#">[User Guide]</a>

This release is validated on the following:

- DM8148 EVM
  - DSP/BIOS version version 5.41.02.14 for COFF ABI and 6.31 for ELF ABI
  - Code Generation Tool version 7.2.2
  - Code Composer Studio 4.2.0.10018



## Fixed in This Release

None

## Known Issues

<b>Defect ID</b>	<b>Description</b>	<b>Applicable Release Configuration</b>
SDOCM00026096	Raw streams not executed with basic structure	C64XPLUS_AAC_LC, C64XPLUS_AAC_HE

# AAC LC Decoder on C64x+/C674x

## Version 01.40.00

### Release Notes

September 2010

Build ID: 01.40.00.00

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

- This release of AAC LC Decoder on C64x+ / C674x supports both ELF and COFF ABI format.
- This release of AAC LC Decoder supports stand alone build and execution process on Code Composer Studio 4.2
- This codec can be used on any of TI's C64x+ based platforms such as DM644x, DM648, DM643x, DM646x, OMAP35xx, DM816x, DM814x, OMAP-L1x and their derivatives.

#### Validation Information

Release Configuration	Description	Platform Name
C64XPLUS_AAC_LC	MPEG4 AAC LC Decoder	C64x+ based platform <a href="#">[Datasheet]</a> <a href="#">[User Guide]</a>

This release is validated on the following:

- DM644x EVM
  - DSP/BIOS version version 5.41.02.14 for COFF ABI and 6.31 for ELF ABI
  - Code Generation Tool version 7.2.0A10197



## Fixed in This Release

None

## Known Issues

<b>Defect ID</b>	<b>Description</b>	<b>Applicable Release Configuration</b>
SDOCM00026096	Raw streams not executed with basic structure	C64XPLUS_AAC_LC, C64XPLUS_AAC_HE

# AAC Decoder on C64x+

## Version 01.30.03

### Release Notes

June 2010

Build ID: 01.30.03.00

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

- This release of AAC Decoder on C64x+ includes bug fixes for defects filed by application team.
- This codec can be used on any of TI's C64x+ based platforms such as DM644x, DM648, DM643x, DM646x, OMAP35xx and their derivatives.

#### Validation Information

Release Configuration	Description	Platform Name
C64XPLUS_AAC_LC	MPEG4 AAC LC Decoder	C64x+ based platform <a href="#">[Datasheet]</a> <a href="#">[User Guide]</a>
C64XPLUS_AAC_HE	MPEG4 AAC HE Decoder	C64x+ based platform <a href="#">[Datasheet]</a> <a href="#">[User Guide]</a>

This release is validated on the following:

- DM644x EVM
  - DSP/BIOS version 5.31
  - Code Generation Tool version 6.0.8



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## Fixed in This Release

<b>Defect ID</b>	<b>Description</b>	<b>Applicable Release Configuration</b>
SDOCM00066259	AAC_D support for params.dataEndianness = XDM_LE_16	C64XPLUS_AAC_LC, C64XPLUS_AAC_HE
SDOCM00068211	AAC decoder should report outArgs.bytesConsumed = 0 for partial frame	C64XPLUS_AAC_LC, C64XPLUS_AAC_HE
SDOCM00066092	AAC Decoder: User guide needs update.	C64XPLUS_AAC_HE

## Known Issues

<b>Defect ID</b>	<b>Description</b>	<b>Applicable Release Configuration</b>
SDOCM00026096	Raw streams not executed with basic structure	C64XPLUS_AAC_LC, C64XPLUS_AAC_HE

# AAC Decoder on C64x+

## Version 01.30.02

### Release Notes

July 2009

Build ID: 01.30.02.000

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

- This release of AAC Decoder on C64x+ includes the changes to remove standard-testvector from the release package.
- This codec can be used on any of TI's C64x+ based platforms such as DM644x, DM648, DM643x, DM646x, OMAP35xx and their derivatives.

#### Validation Information

Release Configuration	Description	Platform Name
C64XPLUS_AAC_LC	MPEG4 AAC LC Decoder	C64x+ based platform <a href="#">[Datasheet]</a> <a href="#">[User Guide]</a>
C64XPLUS_AAC_HE	MPEG4 AAC HE Decoder	C64x+ based platform <a href="#">[Datasheet]</a> <a href="#">[User Guide]</a>

This release is validated on the following:

- DM644x EVM
  - DSP/BIOS version 5.31
  - Code Generation Tool version 6.0.8



## Fixed in This Release

<b>Defect ID</b>	<b>Description</b>	<b>Applicable Release Configuration</b>
SDOCM00060439	AAC Decoder release package contains standard Teststream.	C64XPLUS_AAC_LC, C64XPLUS_AAC_HE
SDOCM00060554	Remove GROUP directive from link.xdt for AAC Decoder	C64XPLUS_AAC_LC, C64XPLUS_AAC_HE

## Known Issues

<b>Defect ID</b>	<b>Description</b>	<b>Applicable Release Configuration</b>
SDOCM00026096	Raw streams not executed with basic structure	C64XPLUS_AAC_LC, C64XPLUS_AAC_HE