

MP3 Decoder on C64x+

Version 01.31.01

Release Notes

June 2010

Build ID: 01.31.01.001

The release note is divided into the following sections:

- [New In This Release](#)
- [Validation Information](#)
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New In This Release

- This release of MP3 Decoder on C64x+ supports XDM_LE_16 dataEndianness.
- This codec also supports DM6446, DRA446, DM6437, DM648, DM6467, OMAP2530 and OMAP3530 platforms.

Validation Information

Release Configuration	Description	Platform Name
C64XPLUS_L1L2L3	MP3 Decoder with Layer1, Layer2, and Layer3 support	C64x+ based platforms [Datasheet] [User Guide]

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

Defect ID	Description	Applicable Release Configuration
SDOCM00066265	MP3_D support for params.dataEndianness = XDM_LE_16	C64XPLUS_L1L2L3
SDOCM00066177	MP3DEC: Need a new ti.sdo.codecs.mp3dec.ce package release, built against CE 2.25.00.05	C64XPLUS_L1L2L3

Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00025653	The decoder writes back to the decoder input buffer. The decoder expects the application to retain this data and feed it back for the subsequent frames This is violation of XDM specifications	C64XPLUS_L1L2L3

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Version 1.31

Release Notes

September 2008

Build ID: 1.31.001

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New In This Release

- This release of MP3 Decoder on C64x+ is XDM1.0 compliant.
- This codec also supports DM6446, DRA446, DM6437, DM648, DM6467, OMAP2530 and OMAP3530 platforms.

Validation Information

Release Configuration	Description	Platform Name
C64XPLUS_L1L2L3	MP3 Decoder with Layer1, Layer2, and Layer3 support	C64x+ based platforms [Datasheet] [User Guide]

This release is validated on the following:

- DM644x EVM
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Fixed in This Release

Defect ID	Description	Applicable Release Configuration
SDOCM00027770	MP3 decoder writes back into decoder input buffer. Hence we need to add codec engine skeleton code in the RTSC package as a workaround for this issue in CE frame work	C64XPLUS_L1L2L3

Known Issues

Defect ID	Description	Applicable Release Configuration
SDOCM00025653	The decoder writes back to the decoder input buffer. The decoder expects the application to retain this data and feed it back for the subsequent frames This is violation of XDM specifications	C64XPLUS_L1L2L3