



MP3 Decoder

Product Data Sheet

V2.0

Updated: Jan 14, 2009

Features

- Supports MPEG-1 Layer 1/2/3 audio decoding
- Supports MPEG-2 Layer 1/2/3 audio decoding
- Supports MPEG-2.5 Layer 3 audio decoding
- Supports ABR, VBR and CBR
- Supports mono and stereo encoded stream
- 16 bit PCM sample output
- GStreamer plugin wrapper for Linux® platforms
- DirectShow DMO wrapper for Windows® CE platforms

Supported Platforms

- Hardware – i.MX ARM11™ platforms
- Software – eLinux, Windows® CE 5.0, Windows® Embedded CE 6.0 operating systems

Performance Metrics

i.MX31 eLinux Platforms

Typical Specifications: 48 KHz, 320 Kbps, Stereo

Performance (MHz): 9.99

Memory Footprint (KB):

- ROM: 35
- RAM: 19

i.MX31 Windows® CE Platforms

Typical Specifications: 48 KHz, 320 Kbps, Stereo

Performance (MHz): 10.65

Memory Footprint (KB):

- ROM: 35
- RAM: 19

For further details, contact a Freescale customer representative.

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