



# **MP3 Encoder**

## **Product Data Sheet**

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Approved: Shang Shidong

### **Features**

- Supports MPEG-1 Layer 3 audio encoding
- Support 32k, 44.1k, 48kHz sample rate.
- Support 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 kbps
- Mono, Stereo output
- Input - 16 bits PCM
- Gstreamer Plugin component for Linux® platforms
- DMO component 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 Outline

### **i.MX31 eLinux**

Typical spec: 44.1 KHz, 128 Kbps

Performance (MHz): 33.01

Memory FootPrint(KB)

- ROM: 52.3
- RAM: 35.9

Usecase (N/A for core codecs):

### **i.MX31 WinCE**

Typical spec: 44.1 KHz, 128 Kbps

Performance (MHz): 40.82

Memory FootPrint(KB)

- ROM: 52.3
- RAM: 35.9

Usecase (N/A for core codecs)

*For further details, contact Freescale customer representative.*

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