



WMA Encoder

Product Data Sheet

v1.1

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Features

- Supports Windows Media® Audio (WMA) audio encoding
- Compatible with up to WMA version 8
- Supports raw WMA and ASF formats output
- Supports the L1, L2 and L3 Profile
- Supports all WMA bit rates and sampling rates, as specified in the L1, L2 and L3 profiles
- Supports stereo and mono
- 16 bits PCM input
- Microsoft® platform certification
- GStreamer plugin wrapper for Linux® platforms
- DMO filter wrapper for Windows® CE platforms

Supported Platforms

- Hardware – i.MX ARM11™ and ARM Cortex-A8™ platforms
- Software – eLinux, Windows® Embedded CE operating systems

Performance Metrics

i.MX ARM11™ eLinux Platforms

Typical Specifications: 48KHz, 128Kbps

Performance (MHz): 118.98

Memory Footprint (KB)

- ROM: 368.3
- RAM: 905.8

i.MX Cortex-A8™ eLinux Platforms

Typical Specifications: 48KHz, 128Kbps

Performance (MHz): 104.40

Memory Footprint (KB)

- ROM: 368.3
- RAM: 905.8

i.MX ARM11™ Windows® CE Platforms

Typical Specifications: 48 KHz, 128Kbps

Performance (MHz): 128.17

Memory Footprint (KB)

- ROM: 368.3
- RAM: 905.8

i.MX Cortex-A8™ Windows® CE Platforms

Typical Specifications: 48 KHz, 128Kbps

Performance (MHz): 106.67

Memory Footprint (KB)

- ROM: 368.3
- RAM: 905.8

Performance measurements can deviate based on ARM core, memory and cache configuration on the board. To measure directly, enable the TIME_PROFILE in the test application provided in the release package.

For further details, contact a Freescale customer representative.

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