



Oggvorbis Decoder

Product Data Sheet

v1.2

updated: April 1, 2010

Features

- Oggvorbis decoder, support both ogg input and raw vorbis input
- lower and higher sample rates (from 8kHz telephony to 192kHz digital masters)
- Supports Stereo(Lo/Ro, Lt/Rt)
- GStreamer plugin wrapper for Linux® platforms
- DirectShow 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

iMX ARM11™ eLinux Platforms

Typical spec: 48 KHz, 499.8 Kbps

Performance (MHz): 52.72

Memory Footprint(KB)

- ROM: 120
- RAM: 2

iMX Cortex-A8™ eLinux Platforms

Typical spec: 48 KHz, 499.8 Kbps

Performance (MHz): 40.12

Memory Footprint(KB)

- ROM: 120
- RAM: 2

iMX ARM11™ Windows® CE Platforms

Typical spec: 48 KHz, 499.8 Kbps

Performance (MHz): 54.43

Memory Footprint(KB)

- ROM: 120
- RAM: 2

iMX Cortex-A8™ Windows® CE Platforms

Typical spec: 48 KHz, 499.8 Kbps

Performance (MHz): 41.41

Memory Footprint(KB)

- ROM: 120
- RAM: 2

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.