



# 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.*