



MPEG-2 Decoder

Product Data Sheet

v1.1

Updated: April 1, 2010

Features

- Supports MPEG-1 video decoding
- Supports MPEG-2 video decoding
- Supports main profile (MP) @ main level (ML) decoding
- Configurable output formats, supported output format: IYUV and UYVY fourcc formats
- GStreamer plugin wrapper for Linux® platforms
- DirectShow filter wrapper for Windows® CE platforms

Supported Platforms

- Hardware – i.MX ARM11™ MX31 and MX35 platforms
- Software – eLinux, Windows® Embedded CE operating systems

Performance Metrics

i.MX ARM11™ eLinux Platforms

Typical Specifications: D1, 25fps, 4Mbps

Performance (MHz): 336.00

Memory Footprint (KB):

- ROM: 40
- RAM: 2,280

i.MX ARM11™ Windows® CE Platforms

Typical Specifications: D1, 25fps, 4Mbps

Performance (MHz): *Coming soon*

Memory Footprint (KB):

- ROM: *Coming soon*
- RAM: *Coming soon*

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.

i.MX platforms containing VPU hardware acceleration are described in the VPU data sheet.

For further details, contact Freescale customer representative.