



MPEG4 Parser for iMX27, iMX31, and iMX32

V1.4 Product Data Sheet

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Approved: Wang Binghu

Features

File format

- Standard MP4 file format defined by ISO/IEC 14496-14
- Advanced Video Coding (AVC) file format defined by ISO/IEC 14496-15
- QuickTime file format with non-compressed file header (*.mov).

Video track of the following codec types:

- MPEG-4 video
- H.263 video
- H.264 video

Audio track of the following codec types:

- AAC (MPEG-2/MPEG-4 audio)
- MP3 (MPEG Layer-2 & Layer-3)
- AMR-WB audio
- PCM (big-endian & little endian, apple SOWT/TWOS)

Integrated & tested with WinCE 5.0, WinCE 6.0, and GStreamer
Tested FSL DirectShow/GStreamer A/V decoder filters

Known Limitations

- Not support AMR-NB audio track
- Not support QuickTime file format with compressed file header

Supported Platforms

- Hardware – iMX27, iMX31, and iMX32 Platforms
- Software - WinCE, Linux

Performance Outline

iMX27, iMX31, iMX32

Typical spec:

Performance (MHz): NA

Memory FootPrint (KB)

- NA

Usecase:

MPEG4 video + AAC/MP3 audio

H.264 video + AAC/MP3 audio

For further details, contact Freescale customer representative

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