



BMP Decoder

Product Data Sheet

v1.1

Updated: April 1, 2010

Features

- Supports Bitmap (BMP) image decoding
- Supports BMP formats as defined in Windows SDK (version 3 onward)
- BMP compressed (RLE4, RLE8) and uncompressed input format
- Supports color depth 1, 4, 8 16 and 24 bits per pixel
- Configurable output formats: RGB555, 16 bit RGB (RGB565), RGB666 and 24 bit RGB (RGB888)
- Supports all sizes specified in BMP specification

Supported Platforms

- Hardware – i.MX ARM platforms
- Software – eLinux, Windows® Embedded CE operating systems

Performance Metrics

i.MX ARM11 eLinux

Typical Specifications: 1MP

Performance (MHz): 92.00

Memory Footprint(KB):

- ROM: 11
- RAM: 6.5

i.MX ARM11 Windows® CE Platforms

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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 Freescale customer representative.