



Deinterlace for Arm9, Arm11 and Cortex

V1.2 Product Data Sheet

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Features

- Support Arm9
- Support optimization for Arm1136
- Support optimization for Cortex
- Support chroma format 4:2:0, 4:2:2, 4:4:4
- Support multiple deinterlacing algorithms

Supported Platforms

- Hardware - i.MX27 (arm9), i.MX31 (arm11) and Elvis (Cortex-A8)
- Software - For i.MX27, eLinux supported; i.MX31, eLinux and WinCE supported; for Elvis, no OS available currently

i.MX27 eLinux, 400 MHz

Performance (MHz): 153

Memory FootPrint (KB): N/A

Usecase: Stefan,
4:2:0, 720x480@30fps

iMX31 eLinux, 533 MHz

Performance (MHz): 73

Memory FootPrint(KB): N/A

Usecase: Stefan, 4:2:0,
720x480@30fps

Elvis, 800 MHz

Performance (MHz): 39.6

Memory FootPrint(KB): N/A

Usecase: Stefan, 4:2:0,
720x480@30fps

Performance Details

For further details, contact a Freescale customer representative.

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