



# VPU Decoder for iMX27

## V1.0 Product Data Sheet

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### Features

- Gstreamer Plugin component for Linux platforms
- Directshow component for WinCE Platforms enabling easy integration into Direct Show Applications
- Uses Hardware Video Decoder supporting,
  - H264 Baseline Profile @ Level 3.1 Decoder with FMO support
  - MPEG4 Simple Profile Decoder
  - H263 P3 Decode
- Error detection, concealment and resilience for all the decoders
- Supports bit rate up to 3.7Mbps
- Output Format: YV12 or RGB565
- Quality Control
- Trick mode Support

### Supported Platforms

- Hardware - iMX27 Platforms
- Software - eLinux and WinCE 5.0

### Performance Outline

#### iMX27 eLinux

Typical spec: N/A

Performance (MHz): N/A

Use case:

D1 @ 30fps

#### iMX27 WinCE 5.0

Typical spec: N/A

Performance (MHz): N/A

Use case:

D1 @ 10fps

*For further details, contact Freescale customer representative*