



# **G.729AB Codec for iMX**

## **Product Data Sheet**

V 1.1

Date: October 17, 2008

### **Features**

- Fully bit exact with ITU-T G.729AB
- 8 Kbps encoded bit stream rate
- Support discontinuous transmission (DTX)
- Input/output samples format: Linear PCM, 8 kHz, 16 bits. Block based processing supported
- Very simple application interface

## Supported Platforms

- Hardware - iMX27 Platforms
- Software - eLinux and WinCE

## Performance Outline

iMX27 eLinux	iMX27 WinCE
Typical spec: 8KHz, 16 bits PCM for encoder 8KHz, 8kbps for decoder	Typical spec: 8KHz, 16 bits PCM for encoder 8KHz, 8kbps for decoder
Performance (MHz): 23.27 for encoder 4.56 for decoder	Performance (MHz): 21.68 for encoder 4.88 for decoder
Memory FootPrint(KB) decoder - ROM: 37 - RAM: 3 Encoder - ROM: 64 - RAM: 3	Memory FootPrint(KB) decoder - ROM: 37 - RAM: 3 Encoder - ROM: 64 - RAM: 3 -
Usecase (N/A for core codecs):	Usecase (N/A for core codecs)

For further details, contact Freescale customer representative.

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