

ADSP-BF512: Low Power Blackfin with Consumer Devices Connectivity

The ADSP-BF512 is the low cost entry point into the Blackfin Processor family. It offers an optimal balance between performance, peripheral integration, and price and is well suited for the most ...More

On This Page:

Development Too Resources Features

Data Sheet Rev PrF, 07/2009 (pdf 1857kB)

(About Data Sheets)

Quick Links

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code ⊨xamples

PDF Creator

Development Tools

VisualDSP++

Easy-to-use integrated software development and debugging env ronme t (DDE)...

Blackfin Evaluation Kits

EZ-KIT Lite evaluation kits provided developers with a cost-effective net root.

Starter Kits

Starter kits provide you with an F⁷ ^k T Lite evaluation kit and EZ-Extender..

USB Emulators

Rapid on-chip debugging allows developers to load code, set breakpoints, an...

LUTAZIONE ALUATION ALUATION

Resources

Benchmarks

Contact Support

DSP Knowledgebase

EngineerZone: DSP Support Forum

IC Anomalies

Manuals

Press Releases

Roadmap

Software Modules

Features

Blackfin processor core with up to 400 MHz (800 MMACS) performance 2 dual-channel, full-duplex synchronous serial ports supporting 8 stereo I²S channels 12 peripheral DMA channels supporting one- and two-dimensional data transfers

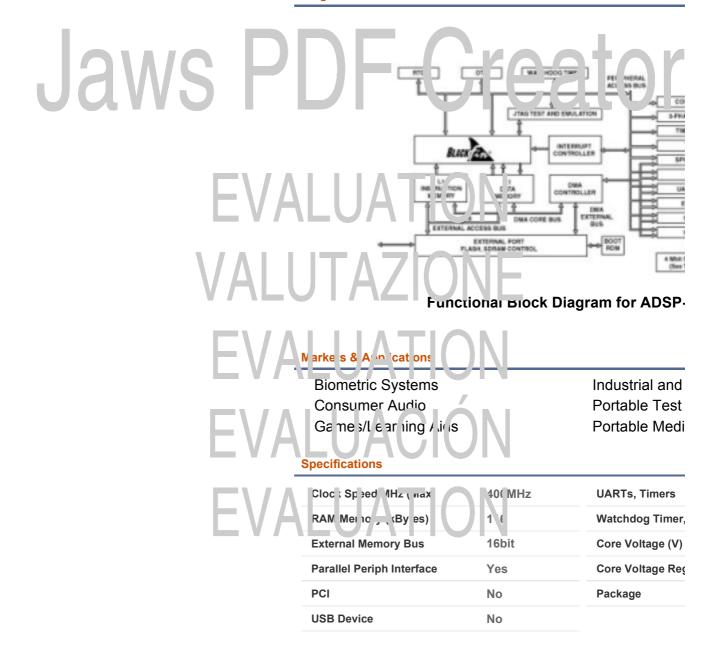
Lockbox™ Secure Technology:

Hardware-enabled security for code and content protection

Memory contr connection to external SDR/ ROM 176-p, 0.5 mm (Industrial tem +85°C) 168-ball, 0.8 n CSP-BGA (Cc range

0°C to +70°C)

Diagrams



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