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# **EVAL-TS201S-EZKIT**

EZ-KIT Lite Evaluation Kit for ADSP-TS201S Processor











#### **Features**

- Dual ADSP-TS201S TigerSHARC® Processors
- 4 Mb (512K x 8-bit) FLASH memory
- 32 MB (4M x 64-bit) SDRAM
- AD1871 stereo, 24-bit, 96 kHz, multi-bit Sigma-Delta ADC
- AD1854 stereo, 24-bit, 96 kHz, multi-bit Sigma-Delta DAC
- Two 1/8" stereo audio jacks
- 4 external LVDS link port connectors (1 Transmit and 1 Receive per processor)

# Markets & Technology

# Aerospace and Defense

Milcom

# **Applicable Parts**

- ADSP-TS203S
- ADSP-TS201S
- ADSP-TS101S
- ADSP-TS202S

### **Package Contents**

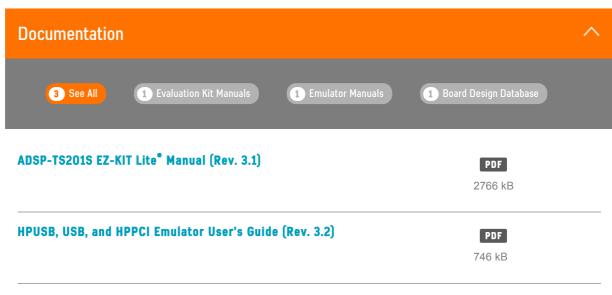
- ADSP-TS201S EZ-KIT Lite board
- VisualDSP++ Installation Quick Reference Card
- ADSP-TS201S EZ-KIT Lite Evaluation System Manual
- Universal 7.5V DC power supply
- USB 2.0 cable

#### **Product Details**

The ADSP-TS201S EZ-KIT Lite provides developers with a cost-effective method for initial evaluation of the ADSP-TS201S TigerSHARC® Processor and its multiprocessing capabilities. This EZ-KIT Lite includes two ADSP-TS201S processors on a desktop evaluation board along with fundamental debugging software to facilitate architecture evaluations via a USB-based PC-hosted tool set. With this EZ-KIT Lite, users can learn more about ADI's ADSP-TS201S hardware and software development environments and quickly prototype applications. The ADSP-TS201S EZ-KIT Lite provides an evaluation suite of the VisualDSP++ development and debugging environment with the C/C++ compiler, assembler, and linker. Via the USB interface, VisualDSP++ can communicate with ... Show More..

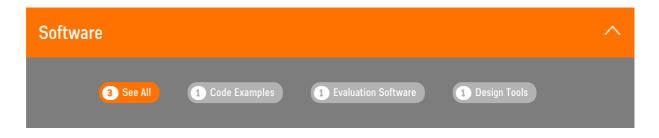
# **System Requirements**

- $\wedge$
- Windows® 2000 SP4, Windows XP SP2, Windows Vista™ or (from update 7) Windows 7 Business/ Enterprise/ Ultimate editions
- Intel Pentium® processor (x86 compatible), 1 GHz or faster
- 512 MB RAM and 2 GB available hard disk space
- VisualDSP++ 5.0



#### ADSP-TS201 EZ-KIT Lite Board Design Database (Rev. 2.1)

Contains all of the electronic information required for the design, layout, fabrication and assembly of the ADSP-TS201 EZ-KIT Lite.



#### **TigerSHARC Processor Code Examples**

Code examples highlighting features of the TigerSHARC Processor architecture.

### **TigerSHARC Evaluation Kits**

EZ-KIT Lite evaluation kits provide developers with a costeffective method for initial evaluation of a TigerSHARC processor via a USB-based PC-hosted tool set.

# **Related Hardware**

#### **Emulator Hardware**

#### **EMULATOR-USB & HP USB ICE**

USB-Based Emulator and High Performance USB-Based Emulator

# Buy

#### **Evaluation Boards**

Pricing displayed is based on 1-piece.

Model	Description	Price	RoHS
ADZS-HPUSB-ICE Production	Evaluation Board		Yes
ADZS-TS201S-EZLITE Production	Evaluation Board		Yes
ADZS-USB-ICE Obsolete	Evaluation Board	-	Yes

Pricing displayed is based on 1-piece. The

4,700+

125,000

50+

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