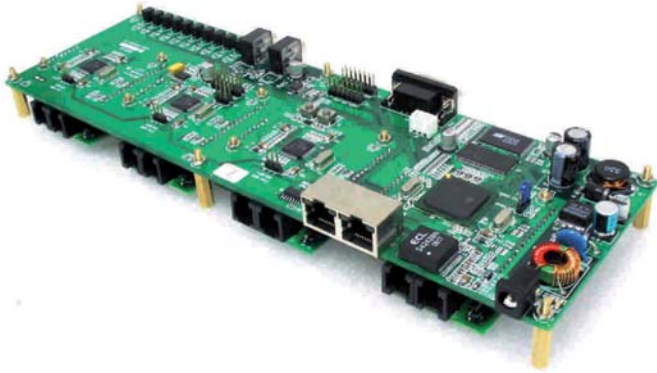


RISC Free IP-PBX Toolkit Featuring Embedded Asterisk®



- IP-PBX reference platform integrated with Embedded Asterisk and AudioCodes DSP
- Portable solution to other embedded platforms
- Including ready-to-use FXS, FXO and BRI interfaces
- Unique Asterisk Channel Driver for AudioCodes DSP
- Open Source Code & development environment

The **RISC Free IP-PBX** Toolkit is a reference design combining AudioCodes field-proven AC49x-DSP with the embedded Asterisk application.

Utilizing this reference design allows OEMs and ODMs to develop cost-effective and quick time to market IP-PBX solutions.

This solution enables developers to use the advantages of an embedded IP-PBX application while offloading the CPU from the voice processing heavy tasks, and using AudioCodes superior voice quality and enhanced VoIP features.

IP-PBX TOOLKIT DEVELOPMENT OPTIONS

Infrastructure for IP-PBX systems including the Hardware design & IP-PBX Embedded Asterisk based sample application

For developers that would like to develop a complete IP-PBX based on AudioCodes AC496 device, using a ready to use hardware and software solution.

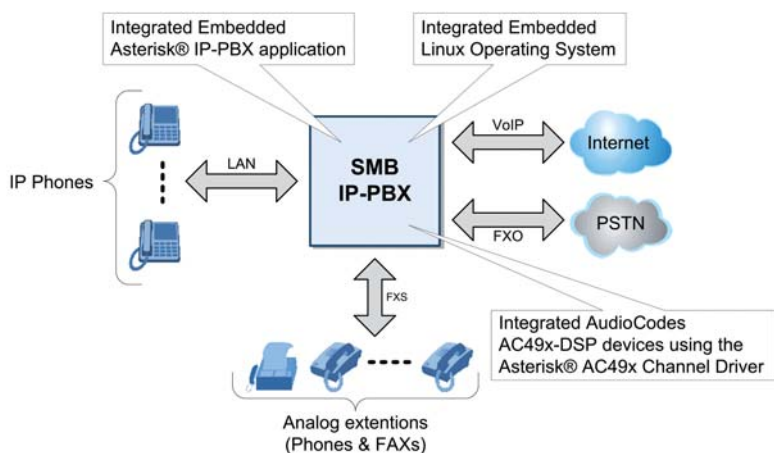
Development platform for embedded Asterisk integrated with AC49x-DSP

For developers that would like to use the AC49x-DSP with their Asterisk based products and any RISC CPU, using the Asterisk AC49x Channel Driver.

KEY FEATURES

- Support of complex vocoders (e.g. wideband vocoders)
- T.38 Fax support
- Superior voice quality
- Enhanced signal processing features
- Scalable solution, several choices of AudioCodes DSPs with any RISC CPU
- Improved performance, offloading the CPU for additional tasks

IP-PBX DESIGN USING AUDIOCODES RISC FREE IP-PBX TOOLKIT



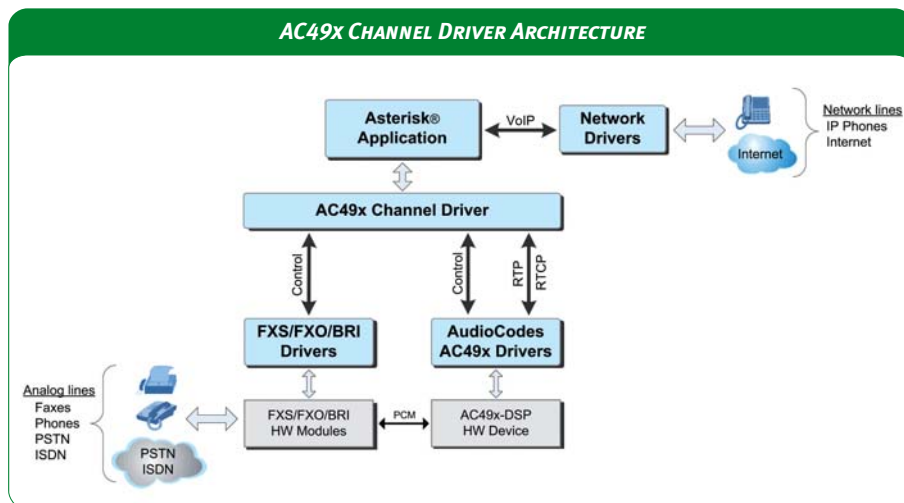
AudioCodes Enabling Technology Products

RISC Free IP-PBX Toolkit Featuring Embedded Asterisk®

ASTERISK AC49x CHANNEL DRIVER

The Asterisk AC49x Channel Driver is add-on software to the Asterisk application for connecting it with AudioCodes AC49x devices. When using the AC49x Channel Driver, all the Codec Translator and RTP functions are handled by the AC49x DSP, which offloads the CPU and increases the utilization of the final product.

The AC49x Channel Driver also supports various analog interfaces as part of the AC49x IP-PBX reference design including FXS, FXO and BRI modules.



TOOLKIT CONTENTS

- Development platform based on AC496-SoC (System on Chip), integrating MIPS-CPU and AC49x-DSP
- FXS, FXO and BRI modules
- Linux OS for MIPS (Kernel 2.6)
- Free Development environment
- AC49x Channel Driver to be used with embedded Asterisk application Open Source Code

ABOUT AUDIOCODES

AudioCodes Ltd. (NASDAQ: AUCD) provides innovative, reliable and cost-effective Voice over IP (VoIP) technology, Voice Network Products, and Value Added Applications to Service Providers, Enterprises, OEMs, Network Equipment Providers and System Integrators worldwide. AudioCodes provides a diverse range of flexible, comprehensive media gateway, and media processing enabling technologies based on VolPerfect™ – AudioCodes' underlying, best-of-breed, core media architecture. The company is a market leader in VoIP equipment, focused on VoIP Media Gateway, Media Server, Session Border Controllers (SBC), Security Gateways and Value Added Application network products. AudioCodes has deployed tens of millions of media gateway and media server channels globally over the past ten years and is a key player in the emerging best-of-breed, IMS based, VoIP market. The Company is a VoIP technology leader focused on quality and interoperability, with a proven track record in product and network interoperability with industry leaders in the Service Provider and Enterprise space. AudioCodes Voice Network Products feature media gateway and media server platforms for packet-based applications in the converged, wireline, wireless, broadband access, cable, enhanced voice services, video, and Enterprise IP Telephony markets. AudioCodes' headquarters are located in Israel with R&D in the U.S. Other AudioCodes' offices are located in Europe, India, the Far East, and Latin America.

International Headquarters

1 Hayarden Street,
Airport City, Lod, Israel 70151
Tel: +972-3-976-4000
Fax: +972-3-976-4040

US Headquarters

2099 Gateway Place, Suite 500
San Jose, CA 95110
Tel: +1-408-441-1175
Fax: +1-408-451-9520

Contact us: www.audiocodes.com/info

Website: www.audiocodes.com

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