

PRODUCT PREVIEW

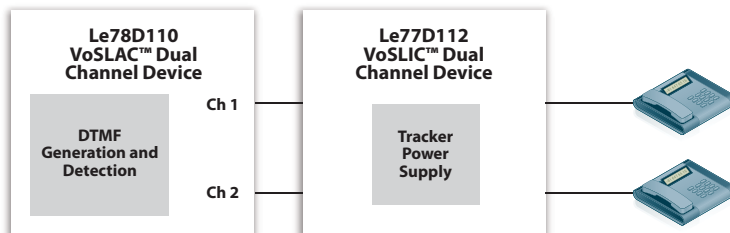
DUAL-CHANNEL SLIC/SLAC CHIPSET

THE ZARLINK VE770 VoSLIC™/VoSLAC™ CHIPSET BRINGS TOLL-GRADE VOICE QUALITY TO VOIP APPLICATIONS AND INTEGRATES DTMF DETECTION, FREEING UP DSP CYCLES.

The VoiceEdge™ VE770 Series are high performance, highly programmable, integrated chip sets that perform all the functions necessary to create a two-wire, twisted pair telephone interface from any broadband digital source. The VE770 Series includes a two channel codec with DTMF generation/detection, and a dual-channel SLIC device offered with integrated switching supplies. Together, the VE770 Series devices operate with minimal external components and include software to provide a complete system solution.



Not actual size



Zarlink provides a world-class suite of development tools to facilitate the integration of voice into end-user applications and to significantly reduce design time.

Zarlink's Software Development Kit (SDK) is a package of software tools with optional hardware tools that can be designed using Legerity voice solutions.

Our VoicePath™ Application Programming Interface II (VP API-II) provides a standard software interface for controlling, supervising, and performing line testing using voice termination devices.

Features

SLIC Device

- ➔ Dual channel integrated ringing
- ➔ Subscriber loop/self loop tests
- ➔ Worldwide programmability

Codec Device

- ➔ A-law, m-law, ADPCM or linear coding
- ➔ Industry standard interfaces
 - PCM/SPI or GCI
- ➔ Worldwide programmability
- ➔ DTMF generation/detection
- ➔ FSK/Caller ID tone generation
- ➔ Modem/fax tone generation
- ➔ Low power dissipation

Benefits

- ➔ Maximum cost savings at both chip & system level through reduced power and optimized density
- ➔ Minimal power consumption allows for increased battery back-up time and smaller batteries
- ➔ Meets or exceeds requirements of most voice over broadband system designs
- ➔ Advanced test features enable remote diagnostics that reduce truck rolls, system maintenance expenses, and system downtime
- ➔ One hardware platform enables worldwide design & distribution through SW selectable configurations
- ➔ Provides the shortest SW development time

Applications

- ➔ Integrated Access Device (IAD)
- ➔ Network Interface Unit (NIU)
- ➔ Cable Modem
- ➔ DSL Modem
- ➔ Set Top / House Side Boxes
- ➔ Intelligent PBX
- ➔ Pair Gain
- ➔ FXS Cards
- ➔ Voice over ISDN or T1 / E1
- ➔ Smart Residential Gateways



Information relating to products and services furnished herein by Zarlink Semiconductor Inc. or its subsidiaries is believed to be reliable. The products, their specifications, services and other information appearing in this publication are subject to change by Zarlink without notice.

ZARLINK, ZL, and the Zarlink logo are trademarks of Zarlink Semiconductor Inc.

© 2008, Zarlink Semiconductor Inc. All Rights Reserved. PN #081324-C1



www.ZARLINK.com