

FEATURES	BENEFITS
• Highest level of integration	• Reduces system BOM and discrete component count
• Smallest footprint	• Saves board space
• Pin-compatible options	• Provides design flexibility to develop one design and populate the voice socket with the right features for a given market—100 V or 150 V, narrow band or wide band, internal balanced (sinusoidal or trapezoidal) or unbalanced ringing
• Lowest power solution across all operating modes	• Provides best solution for battery-backed and power-sensitive applications
• Highly programmable	• Offers design flexibility to develop one application for worldwide markets
• Integrated ring cadencing and system state control	• Reduces real-time software overhead
• Comprehensive line sensing	• Enables high performance 909 diagnostics and subscriber loop test and self test support
• Integrated switching regulator	• Enables lowest component count and highest efficiency in all states of operation

Related Literature

- 081274 - Le88211/231 Dual-Channel Tracking Battery Narrow band VoicePort Device Data Sheet*
- 081315 - Le88216/236 Dual-Channel Tracking Battery Wide band VoicePort™ Device Data Sheet*
- 081206 - Le88116/136 Single-Channel Tracking Battery Wide band VoicePort™ Device Data Sheet*
- 081307 - Le88226/246 Dual-Channel ABS Wide band VoicePort™ Device Data Sheet*
- Le71HR0826 - VE880 Series Line Module (Supports 2FXS up to 150-V ringing with a 12-V Flyback Tracking Power Supply)

*Contact your Zarlink Sales Representative to obtain the data sheet.

Packaging and Availability

See *Ordering Information* on first page.

For More Information:

To find the Zarlink Sales Office nearest you, visit our website at: www.zarlink.com



**For more information about all Zarlink products
visit our Web Site at
www.zarlink.com**

Information relating to products and services furnished herein by Zarlink Semiconductor Inc. or its subsidiaries (collectively "Zarlink") is believed to be reliable. However, Zarlink assumes no liability for errors that may appear in this publication, or for liability otherwise arising from the application or use of any such information, product or service or for any infringement of patents or other intellectual property rights owned by third parties which may result from such application or use. Neither the supply of such information or purchase of product or service conveys any license, either express or implied, under patents or other intellectual property rights owned by Zarlink or licensed from third parties by Zarlink, whatsoever. Purchasers of products are also hereby notified that the use of product in certain ways or in combination with Zarlink, or non-Zarlink furnished goods or services may infringe patents or other intellectual property rights owned by Zarlink.

This publication is issued to provide information only and (unless agreed by Zarlink in writing) may not be used, applied or reproduced for any purpose nor form part of any order or contract nor to be regarded as a representation relating to the products or services concerned. The products, their specifications, services and other information appearing in this publication are subject to change by Zarlink without notice. No warranty or guarantee express or implied is made regarding the capability, performance or suitability of any product or service. Information concerning possible methods of use is provided as a guide only and does not constitute any guarantee that such methods of use will be satisfactory in a specific piece of equipment. It is the user's responsibility to fully determine the performance and suitability of any equipment using such information and to ensure that any publication or data used is up to date and has not been superseded. Manufacturing does not necessarily include testing of all functions or parameters. These products are not suitable for use in any medical products whose failure to perform may result in significant injury or death to the user. All products and materials are sold and services provided subject to Zarlink's conditions of sale which are available on request.

Purchase of Zarlink's I2C components conveys a license under the Philips I2C Patent rights to use these components in an I2C System, provided that the system conforms to the I2C Standard Specification as defined by Philips.

Zarlink, ZL, the Zarlink Semiconductor logo and the Legerity logo and combinations thereof, VoiceEdge, VoicePort, SLAC, ISLIC, ISLAC and VoicePath are trademarks of Zarlink Semiconductor Inc.

TECHNICAL DOCUMENTATION - NOT FOR RESALE