

## SLIC 1-CH 52dB 110mA 5V 32-Pin PLCC Tube

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	PLCC32
<b>Product Type:</b>	Communication & Networking ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Obsolete



Images are for reference only

[Inquiry](#)

### General Description

The Le79R79-1 is a bipolar monolithic SLIC device that support integrated (on-chip) ringing, pin-for-pin compatibility and flexibility for varying loop lengths. With the Ringing SLIC, you can achieve significant system-level cost reductions while designing innovative linecard solutions.

## Key Features

Through trapezoidal ringing  
On-chip ring-trip detector  
Low standby state power  
Battery operation:  
VBAT1: -40.5 to -75 V  
VBAT2: -19 V to VBAT1  
On-chip battery switching and feed selection  
On-hook transmission  
Two-wire impedance set by single external impedance  
Programmable constant-current feed  
Programmable Open Circuit voltage  
Programmable loop-detect threshold  
Current gain = 1000  
Ground-key detector  
Polarity reversal option available  
Internal VEE regulator (no external -5 V power supply required)

## Application

Ideal for short-loop applications  
Ideal for ISDN-TA and fixed radio access applications  
Integrated Access Devices (IADs)  
Network Interface Units (NIUs)  
Cable Modems  
DSL Modems  
Set Top / House Side Boxes  
Intelligent PBX  
Pair Gain  
FXS Cards  
Voice over ISDN or T1/E1  
Smart Residential Gateways  
WLL, APON, FITL, NGN, and all other short-loop CPE/ Enterprise telephony applications



## Recommended For You

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**LE9540DUQC**

Microchip Technology, Inc  
QFN

**Le79Q2281DVC**

Microchip Technology, Inc  
QFP

**Le9641PQC**

Microchip Technology, Inc  
QFN

**LE79252BTC**

Microchip Technology, Inc  
QFP

**LE88266DLC**

Microchip Technology, Inc  
QFP

**Le88830KQC**

Microchip Technology, Inc  
QFN

**Le58QL021BVC**

Microchip Technology, Inc  
QFP

**Le9530DETC**

Microchip Technology, Inc  
QFP

**Le79124KVC**

Microchip Technology, Inc  
QFP

**LE89900AMC**

Microchip Technology, Inc  
MSOP10

**LE79R241DJC**

Microchip Technology, Inc  
PLCC32

**Le79555-2BVC**

Microchip Technology, Inc  
TQFP44

**LE57D121BTC**

Microchip Technology, Inc  
QFP

**LE9500DBJC**

Microchip Technology, Inc  
PLCC28

**LE79555-2BVCT**

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