


SLIC 1-CH 40dB 110mA 5V 32-Pin PLCC Tube

Manufacturer:	Microchip Technology, Inc
Package/Case:	PLCC32
Product Type:	Communication & Networking ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete



Images are for reference only

[Inquiry](#)

General Description

The Le79R70 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

Ideal for ISDN-TA and set top applications

On-chip ringing with on-chip ring-trip detector

Low Standby state power

Battery operation:

VBAT1: -40 V to -67 V

VBAT2: -19 V to VBAT1

On-chip battery switching and feed selection

On-hook transmission

Polarity reversal option

Programmable constant-current feed

Programmable open circuit voltage

Programmable loop-detect threshold

Two-wire impedance set by single component

Ground-key detector

Tip Open state for ground-start lines

Internal VEE regulator (no external -5 V power supply required)

Two on-chip relay drivers and snubber circuits

Application

Integrated Access Devices (IADs)

Network Interface Units (NIUs)

Cable 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

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

LE79R79-1DJC

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PLCC32