
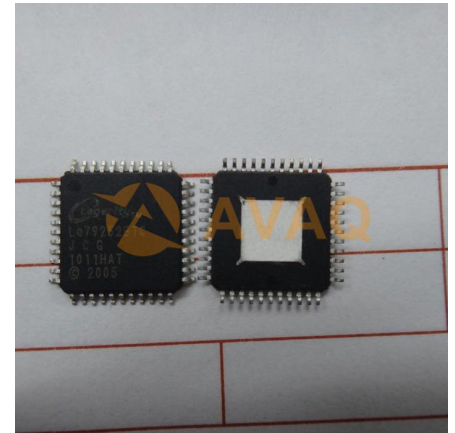


SLIC 2-CH 44-Pin eTQFP Tray

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



Images are for reference only

[Inquiry](#)

General Description

The Le79252 Dual Intelligent Subscriber Line Interface Circuit (ISLIC) device, in combination with an Le79228x ISLAC device, implements the telephone line interface function. This enables the design of a low cost, high performance, fully software programmable line interface for multiple country applications worldwide. All AC, DC, and signaling parameters are fully programmable via microprocessor or GCI interfaces on the Le79228x ISLAC devices. Additionally, the Le79252 device has integrated self-test and line-test capabilities to resolve faults to the line or line circuit. The integrated test capability is crucial for remote applications where dedicated test hardware is not cost effective. When combined with Microsemi's Le79114 VCP II device, an optimized chip set with additional performance features can be realized.

Key Features

Application

Monitor of two-wire interface voltages and currents supports

Enables a cost effective voice solution for long or short loop applications providing POTS and integrated test capabilities

Voice transmission

CO

Internal ringing generation

DLC

Programmable DC feed characteristics

Independent of battery

IVD

Current limited

Voice-enabled DSLAM

Selectable off-hook and ground-key thresholds

PBX/KTS

Subscriber line diagnostics

Pair gain

Leakage resistance

Loop resistance

Line capacitance

Bell capacitance

Foreign voltage sensing

Power cross and fault detection

Supports 85 Vrms internal ringing

3.3 V and battery supplies

Dual battery operation for system power saving

Automatic battery switching

Intelligent thermal management

Compatible with inexpensive protection networks

Accommodates low tolerance fuse resistors or PTC thermistors

Metering capable

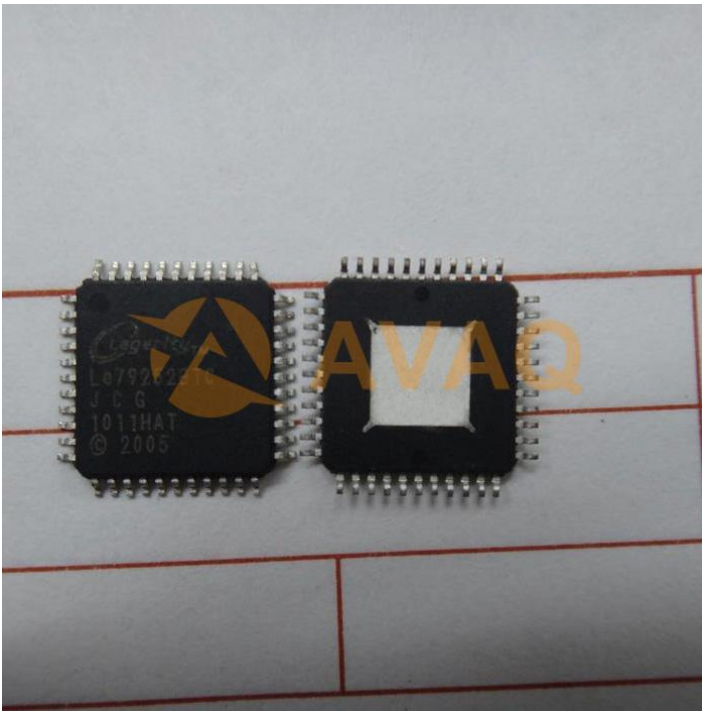
12 kHz and 16 kHz

Smooth polarity reversal

Tip-open state supports ground start signaling

Integrated test load switch/relay drivers

5 REN with DC offset



Recommended For You

LE9540DUQC

Microchip Technology, Inc

QFN

Le79Q2281DVC

Microchip Technology, Inc

QFP

Le9641PQC

Microchip Technology, Inc

QFN

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

Microchip Technology, Inc

PLCC32

LE79555-2BVCT

Microchip Technology, Inc

44-TQFP