Tracking Battery VoicePort Device 44-Pin QFN Tray

Manufacturer:	Microchip Technology, Inc
Package/Case:	QFN
Product Type:	Communication & Networking ICs
RoHS:	RoHS Compliant/Lead free
Lifecycle:	NRND
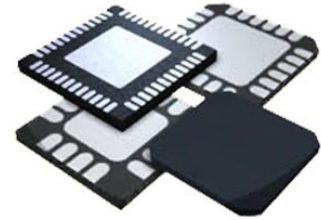
Images are for reference only

Inquiry

General Description

The Le88010 device is ideal for use in voice enabled DSL modems that implement lifeline POTS and support PBX functionality. This device reduces system level cost, space, and power by achieving a high level of voice integration and adds programmability of transmission and signalling features. Designers benefit by having a simple, cost effective, low power and dense, interface design without sacrificing features or functionality.

Key Features

In combination with a DAA, such as the LITELINK DAA from IXYS, provides a complete phone line termination-to-digital interface solution

Fully programmable SLAC device

Disconnect, Ringing signal, Line-in-use and Line polarity detection,

Line supervision for parallel devices connecting to subscriber line

Small footprint package - 44-pin QFN

Minimal external discrete components required

Compatible with solid state or transformer DAA interfaces

High speed, pin selectable PCM/MPI or GCI interface

Microprocessor interface

GCI interface option

Programmability

Two-wire AC impedance

Input/Output mode selection for one relay driver and five general purpose digital I/O pins.

Adapts to all ringing frequencies

Disconnect, line polarity and line-in-use thresholds

DTMF tone generators

Dial pulse and DTMF cadence

Special feature support

DTMF tones

Dial pulses

Caller ID pass-through

Numeric address signaling

On hook transmission

Integrated 150 mW 3-V or 5-V Relay Driver

Supports lifeline POTS in DSL IAD applications

Application

Voice Enabled DSL Modems

Voice over IP/ATM

Integrated Access Devices (IAD)

Smart Residential Gateways (SRG) and Routers

Set-Top Box with PSTN Line Interface

PBX trunk interface

FXO interfaces

Recommended For You

LE9540DUQC	Le79Q2281DVC	Le9641PQC
Microchip Technology, Inc	Microchip Technology, Inc	Microchip Technology, Inc
QFN	QFP	QFN

LE79252BTC	**LE88266DLC**	**Le88830KQC**
Microchip Technology, Inc	Microchip Technology, Inc	Microchip Technology, Inc
QFP	QFP	QFN
Le58QL021BVC	**Le9530DETC**	**Le79124KVC**
Microchip Technology, Inc	Microchip Technology, Inc	Microchip Technology, Inc
QFP	QFP	QFP
LE89900AMC	**LE79R241DJC**	**Le79555-2BVC**
Microchip Technology, Inc	Microchip Technology, Inc	Microchip Technology, Inc
MSOP10	PLCC32	TQFP44
LE57D121BTC	**LE9500DBJC**	**LE79R79-1DJC**
Microchip Technology, Inc	Microchip Technology, Inc	Microchip Technology, Inc
QFP	PLCC28	PLCC32