


## Voice Control Processor

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	QFP
<b>Product Type:</b>	Embedded Processors & Controllers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

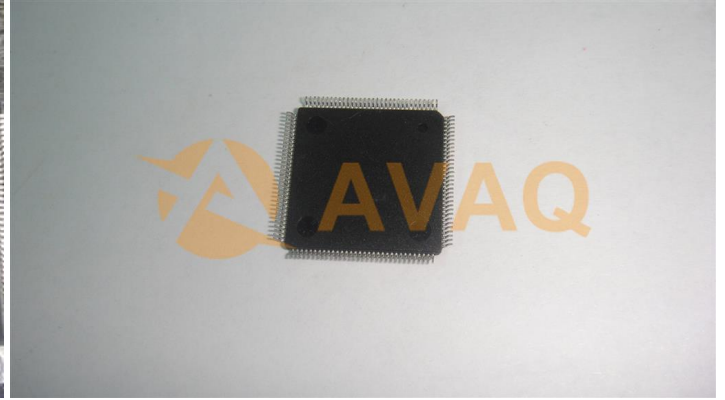
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## General Description

The Le79124 Next Generation VoiceEdge™ Control Processor (VCP) is a second generation platform that delivers enhanced call control, self-test and line test capabilities. This latest processor works with the NGCC devices using its SPI interface(s), PCM port(s), and GPIO. The Le79124 device provides the same integrated line-testing and feature-set as the Le79112 device, plus additional capabilities such as 4 channels of simultaneous line testing and 72 channels of improved POTS control. This product enables the design of a low-cost, high performance, fully software programmable line interface with worldwide applicability. All AC, DC, and signaling parameters are programmable. The Le79124 device is provided with extensive software and support, through the LineCare™ software suite, enabling the designer to develop a fully programmable solution in the least amount of time.

## Key Features

- Aggregated call control lowers demand on host microprocessor - 72 channels of call control
- Provides expanded line and circuit testing in conjunction with Microsemi's NGCC chipset - Provides 4 channels of simultaneous line testing
- Software interface using VoicePath API-II
- Software downloadable, field upgradeable, expandable
- Serial and parallel host controller interface options
- Complete control of up to 9 Octal NGSLAC (Le79238) devices - Two master SPI ports - 32 General Purpose I/Os - 9 configured as chip selects - 9 configured for interrupts
- Two slave PCM highway ports- Single or dual PCM highways capable of operating up to 16.384 MHz - Separate test highway option
- Internal PLL and hardware network timing recovery for creating analog sampling clocks
- 3.3 V compliant I/O; Internal 3.3 V to 1.8 V linear regulator for the core logic



## 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

### LE89900AMC

Microchip Technology, Inc

MSOP10

### LE79R241DJC

Microchip Technology, Inc

PLCC32

### Le79555-2BVC

Microchip Technology, Inc

TQFP44

### LE57D121BTC

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### LE9500DBJC

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PLCC28

### LE79R79-1DJC

Microchip Technology, Inc

PLCC32

### LE79555-2BVCT

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