



## LE79271 🕸

Next Gen Carrier	Chipset SLIC	
Status: In Production		
🗄 View Datasheets	View Comparisons	📋 View CAD Symbols
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#### Q Overview

Documents

Development Environment

Parametrics

Application

Loop Length

Battery Topology

Number of Ports

Output Voltage (V) max

Name

Series

RoHS Information

Value

VE792

Long

150

External

NGCC SLIC

Add to Cart

#### **Device Overview**

#### Summary

The LE79211 Next Generation Subscriber Lue Interface Circuit (SUC) device, in combination with an LE792385 SLAC device, includence a DSL friendly, high density universal telephone line Interface. This enables the design of a low cost, high performance hilly software programmabile line Interface with workdived explosibility, and AC, DC, and signaling parameters are programmabile. Additionally, the NGCC chip-set has integrated self-sets and line-test capabilities to resolve faults to the line or line circuit.

For product comparison, please consider: LE79272

#### Additional Features

Designed to minimize POTS transients, optimizing CRC performance for triple play applications

#### Best-in-class GR-844 equivalent testing

- Fully validated test primitives and host routines
- Guaranteed performance parameters

#### Optimized for best-in-class density

Monitor of two-wire interface voltages and currents supports:

- Voice transmission
- Internal ringing generation
- Programmable DC feed characteristic
- Current limited and independent of battery
- Selectable off-hook and ground-key thresholds
- Subscriber line diagnostics
- · Leakage and loop resistance
- Line capacitance and bell capacitance
- Foreign voltage sensing
- Power cross and fault detection

#### Supports 85 Vrms internal ringing

Supports balanced and unbalanced ringing

#### 3.3 V and battery supplies

· Supports two negative and one positive battery

#### Dual battery operation for system power saving

- Automatic battery switching
- Intelligent thermal management

#### Compatible with inexpensive protection networks

#### Metering capable

- 12 kHz and 16 kHz
- Smooth polarity reversal

#### Tip-open mode supports ground start signaling

#### Integrated test load switch

#### 5 REN with DC offset

- Features with Le79124 VCP
- 72 channel call aggregation
- GR-844 equivalent line testing

S Buy Now







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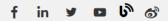
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Q Overview	Documents	Development Environment	RoHS Information	☐ Add to Cart
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## **RoHS Information**

Part Number	Device Weight (g)	Shipping Weight (Kg)	Lead Count	Package Type	Package Dimension	Solder Composition	JEDEC Indicator	RoHS	China EFUP
LE79271AMQC	0.055600	0.734694	28	VQFN	4x5x1mm	Matte Tin	e3	ROHS	<b>()</b>
LE79271AMQCT	0.055600	0.370000	28	VQFN	4x5x1mm	Matte Tin	e3	Rons	0
LE79271MQC	0.055600	0.734694	28	VQFN	4x5x1mm	Matte Tin	e3	ROHS	0
LE79271MQCT	0.055600	0.370000	28	VQFN	4x5x1mm	Matte Tin	e3	ROHS	0

To see a complete listing of RoHS data for this device, please Click here Shipping Weight = Device Weight + Packing Material weight. Please contact sales office if device weight is not available.



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