



Product Overview

Created on: 10/26/2011

NLAS3799B: Dual DPDT Analog Switch

For complete documentation, see the data sheet

Product Description

The NLAS3799B is an ultra low RON dual DPDT and a 0.5 Ohms RON analog switch. This device is designed for low operating voltage, high current switching of speaker output and earpiece for cell phone applications. It can switch a balanced stereo output. The NLAS3799B can handle a balanced microphone, speaker, ring tone generator in a monophone mode. The device contains a break before make (BBM) feature.

Features

- Single Supply Operation 1.65 to 4.5 V VCC
- Function Directly from LiON Battery
- Maximum Breakdown Voltage: 5.5 V
- Low Static Power
- NLAS3799B Interfaces with 2.8 V Chipset NLAS3799BL Interfaces with 1.8 V Chipset
- These are Pb-Free Devices

Applications

- Cell Phone Speaker/Microphone Switching
- Ringtone-Chip/Amplifier Switching
- Four Unbalanced (Single-Ended) Switches
- Stereo Balanced (Push-Pull) Switching

Part Electrical Specifications

Product	Compliance	Status	Channels	Number of Switches	Configuration	I _{cc} Max (uA)	r _{on} Max ()	V _{cc} Min (V)	V _{cc} Max (V)	Package Type
NLAS3799BLMNR2G	Pb-free Halide free	Active	4	8	DPDT	2	0.4	1.65	4.5	QFN-16
NLAS3799BMNR2G	Pb-free Halide free	Active	4	8	DPDT	2	0.4	1.65	4.5	QFN-16
NLAS3799BMUR2G	Pb-free Halide free	Active	4	8	DPDT	2	0.4	1.65	4.5	UQFN-16

Package Availability

Type	Pb-free	Standard
UQFN-16	✓	
QFN-16	✓	

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