



Product Overview

NLAS3699B: Analog Switch, Dual DPDT, Ultra-Low RON

For complete documentation, see the data sheet

Product Description

The NLAS3699B is a dual independent ultra low RON DPDT analog switch. This device is designed for low operating voltage, high current switching of speaker output for cell phone applications. It can switch a balanced stereo output. The NLAS3699B can handle a balanced microphone, speaker, ring tone generator in a monophone mode. The device contains a Break Before Make 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

Applications

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

End Products

- Mobile Phones
- VoIP Handsets
- LCD TVs

Part Electrical Specifications

Product	Compliance	Status	Channels	Number of Switches	Configuration	I _{cc} Max (uA)	r _{on} Max (Ω)	V _{cc} Min (V)	V _{cc} Max (V)	Package Type
NLAS3699BMN1R2G	Pb-free Halide free	Active	4	8	DPDT	2	0.75	1.65	4.5	QFN-16

For more information please contact your local sales support at www.onsemi.com

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