

Product Overview

NLAS4783B: Analog Switch, Triple SPDT, High Speed, Low-Voltage, 1 ohm CMOS

For complete documentation, see the data sheet.

The NLAS4783 is a triple independent ultra-low RON SPDT analog switch with ENABLE. 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 NLAS4783 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
- Low Static Power
- OVT on Logic Address and Enable Inputs

Applications

- Cell Phone Speaker/Microphone Switching.
- Ringtone Chip/Amplifier Switching
- Three Unbalanced (SingleEnded) Switches
- Stereo Balanced (PushPull) Switching

End Products

- VoIP Handsets
- Mobile Phones

Part Electrical Specifications

Product	Compliance	Status	Channels	Number of Switches	Configuration	I _{cc} Max (μA)	r _{on} Max (Ω)	V _{CC} Min (V)	V _{CC} Max (V)	Package Type
NLAS4783BMN1R2G	Pb-free Halide free	Active	3	6	SPDT	2	1.2	1.65	4.5	QFN-16

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

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