

Product Overview

NLAS323: Dual SPST Analog Switch, Single Supply



For complete documentation, see the data sheet.

The NLAS323 is a dual SPST (Single Pole, Single Throw) switch, similar to 1/2 a standard 4066. The device permits the independent selection of 2 analog/digital signals. Packaging is Ultra-Small 8. The use of advanced 0.6 micron CMOS process, improves the RON resistance considerably compared to older higher voltage technologies.

Features

- On Resistance is 20 Ω Typical at 5.0 V
- Matching is < 1 Ω Between Sections
- 2 - 6 V Operating Range
- Ultra Low < 5 pC Charge Injection
- Ultra Low Leakage < 1 nA at 5.0 V, 25° C
- Wide Bandwidth > 200 MHz, -3 dB
- CMOS/TTL Compatible
- 2000 V ESD (HBM)
- Ron Flatness +/- 6 Ω at 5.0 V
- US8 Package

For more features, see the data sheet

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channels	Number of Switches	Configuration	I_{cc} Max (μ A)	r_{on} Max (Ω)	V_{CC} Min (V)	V_{CC} Max (V)	Package Type
NLAS323USG	0.2667	Pb-free Halide free	Active	2	2	SPST	2	30	2	5.5	US8

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

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