

Analogue Switch, 1 Channels, SPDT, 17 ohm, 1.65V to 5.5V, SC-88, 6 Pins

Manufacturers [ON Semiconductor, LLC](#)

Package/Case SC-70-6

Product Type Interface ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for NLVASB3157DFT2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The NLASB3157 is an advanced CMOS analog switch fabricated with silicon gate CMOS technology. It achieves very low propagation delay and RDS(ON) resistances while maintaining CMOS low power dissipation. Analog and digital voltages that may vary across the full power supply range (from VCC to GND). This device is a drop in replacement for the NC7SB3157. The control pins have overvoltage protection that allows voltages above VCC up to 7.0 V to be present on the pins without damage or disruption of operation of the part, regardless of the operating voltage.

Features

High Speed: = 5.0 V

Low Power Dissipation: = 25C

Standard CMOS Logic Levels

High Bandwidth, Improved Linearity

Switches Standard NTSC/PAL Video, Audio, SPDIF and HDTV

May be used for Clock Switching, Data Mux'ing, etc.

Low RDS(ON)

Break Before Make Circuitry, Prevents Inadvertent Shorts

Can Switch Balanced Signal Pairs, e.g. LVDS > 200 Bits/Sec

Latchup Performance Exceeds 300 mA

Pin for Pin Drop in for NC7SB3157

Tiny SC88 Package Only 2.0 x 2.1 mm

ESD Performance: HBM > 2000 V; MM > 200 V

Pb-Free Package is Available

Application

ONSEMI

Related Products



[NLAS3899BMNTXG](#)

ON Semiconductor, LLC
QFN-16



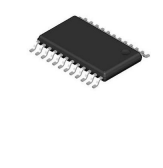
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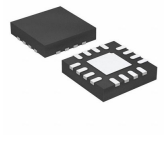
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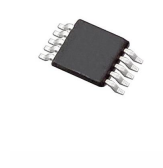
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WQFN-10



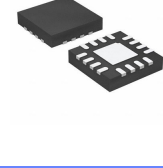
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