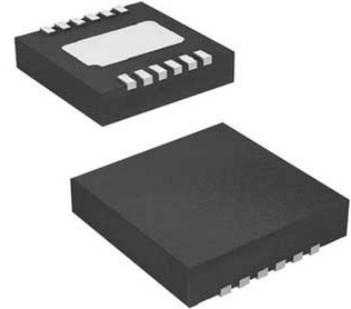


Low Voltage Dual SPDT Analog Switch Dual 2:1 Multiplexer, Multiplexer Switch ICs Dual SPDT ANLG Sw. -55 to 125deg C



Images are for reference only

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	DFN-12
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	

Please submit RFQ for NLAS3158MNR2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The NLAS3158 is an advanced CMOS analog switch fabricated with silicon gate CMOS technology. It achieves very low propagation delay and RDSON 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 PI5A3158. The select pin has overvoltage protection that allows voltages above VCC, up to 7.0 V to be present on the pin 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
- Low RDSON: 8 Ohms Max at 3 V.
- Break Before Make Circuitry, Prevents Inadvertent Shorts
- This is a PbFree Device.
- May be used for Clock Switching, Data MUXing, etc.
- Can Switch Balanced Signal Pairs, e.g. LVDS > 200 Mb/s

## Application

ONSEMI

## Related Products



### [NLAS3899BMNTXG](#)

ON Semiconductor, LLC  
QFN-16



### [NLAS4053DTR2](#)

ON Semiconductor, LLC  
SSOP-16



### [NLVASB3157DFT2G](#)

ON Semiconductor, LLC  
SC-70-6



### [NLAST4051DTR2G](#)

ON Semiconductor, LLC  
TSSOP-16



### [NLV74HC4067ADTR2G](#)

ON Semiconductor, LLC  
TSSOP-24



### [NLAS5223BMNR2G](#)

ON Semiconductor, LLC  
WQFN-10



### [NLAS4717MR2G](#)

ON Semiconductor, LLC  
MSOP-10



### [NLX2G66DMUTAG](#)

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