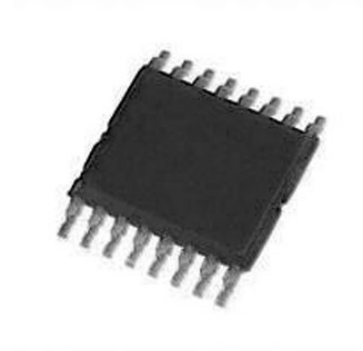


Analog Multiplexer/ Demultiplexer, Multiplexer Switch ICs SP8T Mux/Demux TTL Compat - 55 to 125

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	TSSOP-16
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for NLAST4051DTR2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The NLAST4051 is an improved version of the MC14051 and MC74HC4051 fabricated in sub-micron Silicon Gate CMOS technology for lower RDS(on) resistance and improved linearity with low current. This device may be operated either with a single supply or dual supply up to +/- 3 V to pass a 6 VPP signal without coupling capacitors. When operating in single supply mode, it is only necessary to tie VEE, pin 7 to ground. For dual supply operation, VEE is tied to a negative voltage, not to exceed maximum ratings. Translation is provided in the device, the Address and Inhibit are standard TTL level compatible. For CMOS compatibility see NLAS4051. Pin for pin compatible with all industry standard versions of '4051'.

## Features

Improved RDS(on) Specifications

Pin for Pin Replacement for MAX4051 and MAX4051A- One Half the Resistance Operating at 5.0 Volts

Single or Dual Supply Operation- Single 3-5 Volt Operation, or Dual +/-3 Volt Operation- With VCC of 3.0 to 3.3 V, Device Can Interface with 1.8 V Logic, No Translators Needed- Address and Inhibit Logic are Over-Voltage Tolerant and May Be Driven Up +6 V Regardless of VCC

Address and Inhibit Pins Standard TTL Compatible - Greatly Improved Noise Margin Over MAX4051 and MAX4051A- True TTL Compatibility = 2.0 V

Improved Linearity Over Standard HC4051 Devices

Popular SOIC, and Space Saving TSSOP, and QSOP 16 Pin Packages

Pb-Free Packages are Available

## Application

ONSEMI

## Related Products



### [NLAS3899BMNTXG](#)

ON Semiconductor, LLC  
QFN-16



### [NLAS4053DTR2](#)

ON Semiconductor, LLC  
SSOP-16



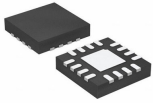
### [NLVASB3157DFT2G](#)

ON Semiconductor, LLC  
SC-70-6



### [NLV74HC4067ADTR2G](#)

ON Semiconductor, LLC  
TSSOP-24



### [NLAS5223BMNR2G](#)

ON Semiconductor, LLC  
WQFN-10



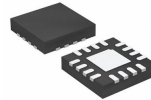
### [NLAS4717MR2G](#)

ON Semiconductor, LLC  
MSOP-10



### [NLX2G66DMUTAG](#)

ON Semiconductor, LLC  
8-UFDN



### [NLAS7222AMTR2G](#)

ON Semiconductor, LLC  
WQFN-10