

1-to-2 Decoder/Demultiplexer, Encoders, Decoders, Multiplexers & Demultiplexers 1:2 Digital
3 State Mux/DeMux

Manufacturers	<u>ON Semiconductor, LLC</u>
Package/Case	SC-70-6
Product Type	Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for NL7SZ19DFT2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The NL7SZ19 is a 1-to-2 decoder. When the output enable (EB) is Low, the device passes data at input A to outputs Y0 (true) and Y1 (complement). The NL7SZ19 can also be used as a 1 to 2 demultiplexer. As a demultiplexer, data at input EB is routed to either Y0 or Y1 depending on the state of A. The device operates over the voltage range from 1.65 V to 5.5 V. The device is fabricated in sub-micron CMOS for high speed and fast decode times. Both inputs and outputs are in high impedance state, when supply voltage is powered down. Both inputs are tolerant of voltages up to 5.5 V, regardless of operating voltage. This device is suitable for low power decoding in a variety of applications.

Features

High-Speed Propagation Delay tPD 2.5 nS (Typ), Load 50 pF @ 5.0 V

32 mA Output Drive Capability

Power Down Impedance Inputs/Outputs in High-Z

Broad VCC Operating Range 1.65 V to 5.5 V

Surface Mount Technology SC-70, 6-Lead Packaging

OVT* on Inputs Facilitates 5.0 V to 3.0 V Translation

Pb-Free Package is Available

Application

ONSEMI



Related Products



[NLSV2T244MUTAG](#)

ON Semiconductor, LLC
UDFN8



[NLSV1T34DFT2G](#)

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SC-88A



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