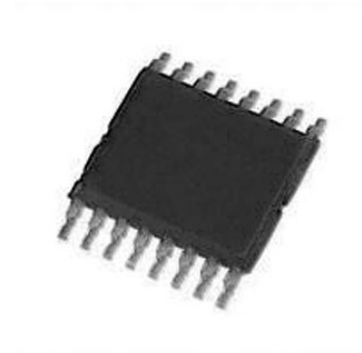


LVDS Driver, Quad, Differential Line Driver, 8 mA, -40 °C, 85 °C, 3 V

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-16
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADN4667ARUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The device accepts low voltage TTL/CMOS logic signals and converts them to a differential current output of typically ± 3.1 mA for driving a transmission medium such as a twisted pair cable. The transmitted signal develops a differential voltage of typically ± 310 mV across a termination resistor at the receiving end. This is converted back to a TTL/CMOS logic level by an LVDS receiver, such as the ADN4668.

The ADN4667 also offers active high and active low enable/disable inputs (EN and EN). These inputs control all four drivers and turn off the current outputs in the disabled state to reduce the quiescent power consumption to typically 10 mW.

The ADN4667 and its companion LVDS receiver, the ADN4668, offer a new solution to high speed, point-to-point data transmission, and a low power alternative to emitter-coupled logic (ECL) or positive emitter-coupled logic (PECL).

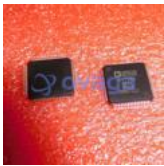
Features

- 400 Mbps (200 MHz) switching rates
- Flow-through pinout simplifies PCB layout
- 300 ps typical differential skew
- 400 ps maximum differential skew
- 1.7 ns maximum propagation delay
- 3.3 V power supply
- See Data Sheet for Additional Information

Application

- Backplane data transmission
- Cable data transmission
- Clock distribution
- Data Sheet, Rev. A, 5/08

Related Products



[ADV7181CBSTZ](#)

Analog Devices, Inc
LQFP-64



[AD724JR](#)

Analog Devices, Inc
SOIC-16



[ADV7391WBCPZ](#)

Analog Devices, Inc
LFSCP-3



[ADV7341BSTZ](#)

Analog Devices, Inc
LQFP-64



[AD8170AR](#)

Analog Devices, Inc
SOP8



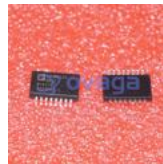
[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16