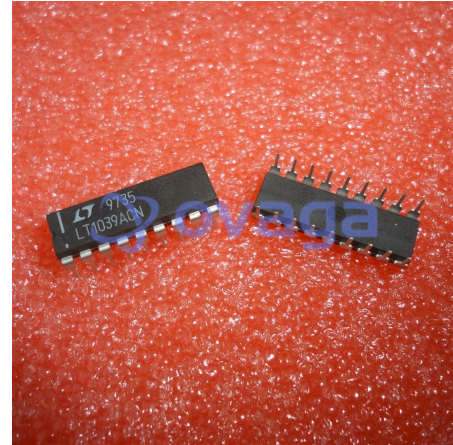


IC DRIVR/RCVR TRIPLE-RS232 18DIP

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	DIP-16
Product Type	Interface ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LT1039ACN#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LT1039A is a triple RS232 driver/receiver that includes shutdown. Each receiver will accept up to  $\pm 30V$  input and can drive either TTL or CMOS logic. The RS232 drivers accept TTL logic inputs and output RS232 voltage levels. The outputs are fully protected against overload and can be shorted to ground or up to  $\pm 30V$  without damage to the drivers. Additionally, when the system is shut down or power is off, the outputs are in a high impedance state allowing data line sharing. On-chip ESD protection eliminates the need for external protection devices. A bias pin allows one receiver to be kept on while the rest of the part is shut down.

A bias pin allows one receiver to be kept on while the rest of the part is shut down.

The LT1039A is also available in the 16-pin version, without shutdown or bias pin functions.

For applications requiring operation from a single 5V supply, see the LT1180A/LT1181A and LT1130A data sheets.

## Features

On-Chip ESD Protection:

125kBd Operation with  $3k\Omega/2500pF$  Load

250kBd Operation with  $3k\Omega/1000pF$  Load

Operates from  $\pm 5V$  to  $\pm 15V$  Supplies

Fully Protected Against Overload

Outputs Can Be Driven  $\pm 30V$  Without Damage

Three-State Outputs; Outputs Open When Off

Bipolar Circuit—No Latchup

Triple Driver/Receiver

No Supply Current in Shutdown

$30k\Omega$  Input Impedance

Meets All RS232 Specifications

16-Pin Version—Pin Compatible with MC145406

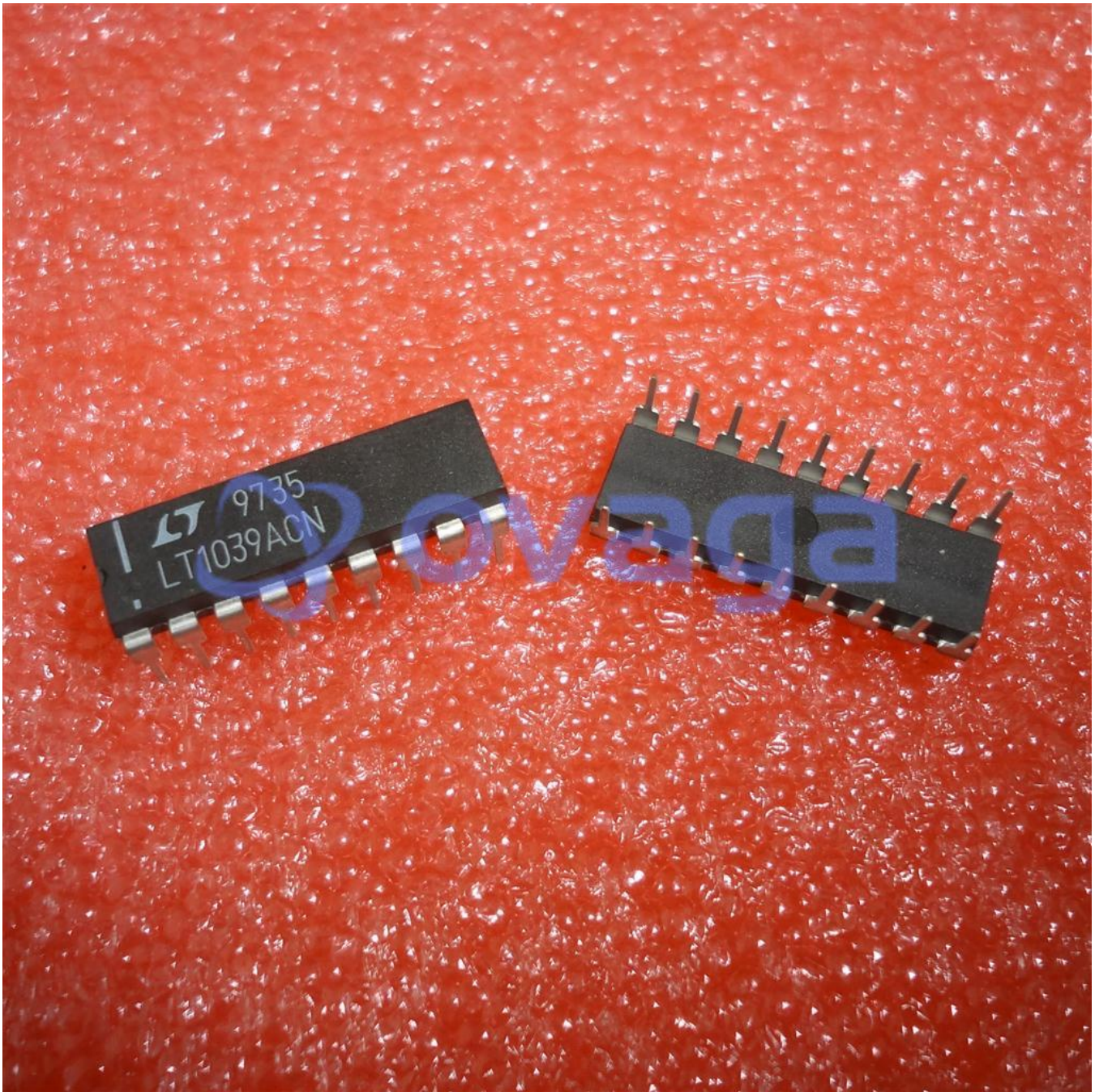
Available in SO Package

## Application

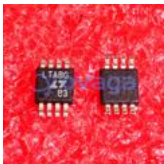
RS232 Interface

Terminals

Modems



### Related Products



[LTC4300A-1IMS8#PBF](#)

Analog Devices, Inc  
MSOP8



[LTC2870IUFD#PBF](#)

Analog Devices, Inc  
28-QFN



[LTC2870IFE#PBF](#)

Analog Devices, Inc  
TSSOP28



[LTC6820IMS#PBF](#)

Analog Devices, Inc  
MSOP16



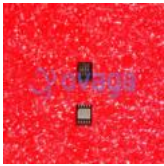
[LTC6820HMS#PBF](#)

Analog Devices, Inc  
MSOP-16



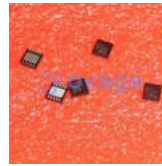
[LTM2881IV-3#PBF](#)

Analog Devices, Inc  
LGA32



[LTC2854HDD#PBF](#)

Analog Devices, Inc  
QFN-10



[LTC2852IDD#PBF](#)

Analog Devices, Inc  
DFN10