

Dual Transmitter/Receiver RS-232 16-Pin SOIC N Tube

Manufacturers	Analog Devices, Inc
Package/Case	SOP-16
Product Type	Interface ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1383CS#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTC1383 is an ultra-low power 2-driver/2-receiver RS232 transceiver that operates from a single 5V supply. The charge pump requires only four space saving 0.1μF capacitors. The supply current (ICC)of the transceiver is only 220μA with driver outputs unloaded.

The LTC1383 is fully compliant with all data rate and overvoltage RS232 specifications. The transceiver canoperate up to 120kbaud with a 2500pF, 3kΩ load. Both driver outputs and receiver inputs can be forced to ±25V without damage and can survive multiple ±10kV ESD strikes.

Features

Operates from a Single 5V Supply

Low Supply Current:>

ESD Protection Over ±10kV

Available in 16-Pin SOIC Narrow Package

Uses Small Capacitors: 0.1μF

Operates to 120kBaud

Output Overvoltage Does Not Force Current Back into Supplies

RS232 I/O Lines Can Be Forced to ±25V Without Damage

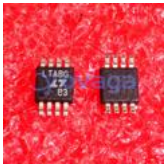
Pin Compatible with LT1181A and MAX232A

Application

Notebook Computers

Palntop Computers

Related Products



[LTC4300A-1IMS8#PBF](#)

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MSOP8



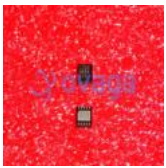
[LTC2870IFE#PBF](#)

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[LTC6820HMS#PBF](#)

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[LTC2854HDD#PBF](#)

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QFN-10



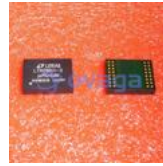
[LTC2870IUFD#PBF](#)

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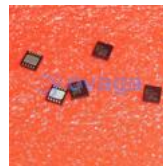
[LTC6820IMS#PBF](#)

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[LTM2881IV-3#PBF](#)

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LGA32



[LTC2852IDD#PBF](#)

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