

Transceiver EIA /TIA562, 2 Drivers, Low Power, 0V-3.3V supply, SOIC-16

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 LTC1386CS#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTC1386 is an ultra-low power 2-driver/2-receiver EIA/TIA562 transceiver that operates from single 3.3V supply. The charge pump requires only four space-saving 0.1 μ F capacitors. The supply current(ICC) of the transceiver is only 200 μ A with driver outputs unloaded.

The LTC1386 is fully compliant with all data rate and overvoltage EIA/TIA562 specifications. The transceiver can operate up to 120kbaud with a 1000pF, 3k Ω load. Both driver outputs and receiver inputs can be forced to \pm 25V without damage and can survive multiple \pm 10kV ESD strikes.

Features

Operates from a Single 3.3V Supply

Low Supply Current:>

ESD Protection Over \pm 10kV

Available in 16-Pin SOIC Narrow Package

Uses Small Capacitors: 0.1 μ F

Operates to 120kBaud

Output Overvoltage Does Not Force Current Back into Supplies

EIA/TIA562 I/O Lines Can Be Forced to \pm 25V Without Damage

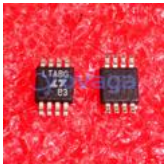
Pin Compatible with LT1181A

Application

Notebook Computers

Palmtop Computers

Related Products



[LTC4300A-1IMS8#PBF](#)

Analog Devices, Inc
MSOP8



[LTC2870IFE#PBF](#)

Analog Devices, Inc
TSSOP28



[LTC6820HMS#PBF](#)

Analog Devices, Inc
MSOP-16



[LTC2854HDD#PBF](#)

Analog Devices, Inc
QFN-10



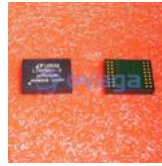
[LTC2870IUFD#PBF](#)

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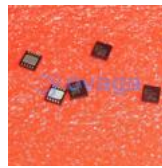
[LTC6820IMS#PBF](#)

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[LTM2881IV-3#PBF](#)

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LGA32



[LTC2852IDD#PBF](#)

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DFN10