

DS9639A/ μ A9639A Dual Differential Line Receiver

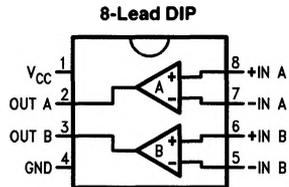
General Description

The DS9639A/ μ A9639A is a Schottky dual differential line receiver which has been specifically designed to satisfy the requirements of EIA Standards RS-422, RS-423 and RS-232C. In addition, the DS9639A/ μ A9639A satisfies the requirements of MIL-STD 188-114 and is compatible with the International Standard CCITT recommendations. The DS9639A/ μ A9639A is suitable for use as a line receiver in digital data systems, using either single ended or differential, unipolar or bipolar transmission. It requires a single 5.0V power supply and has Schottky TTL compatible outputs. The DS9639A/ μ A9639A has an operational input common mode range of $\pm 7.0V$ either differentially or to ground.

Features

- Dual channels
- Single 5.0V supply
- Satisfies EIA Standards RS-422, RS-423 and RS-232C
- Built-in ± 35 mV hysteresis
- High common mode range
- High input impedance
- TTL compatible output
- Schottky technology

Connection Diagram



TL/F/9623-1

Top View

**Order Number DS9639ATC/ μ A9639ATC
See NS Package Number N08E**