

DS8926 LocalTalk™ Dual Driver/Triple Receiver

General Description

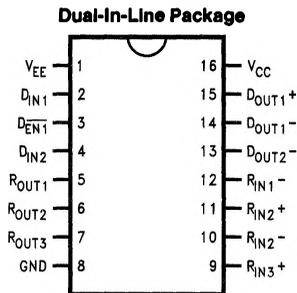
The DS8926 is a dual driver/triple receiver device optimized to provide a single chip solution for a LocalTalk Interface. The device provides one differential TIA/EIA-422 driver, one TIA/EIA-423 single ended driver, one TIA/EIA-422 receiver and two TIA/EIA-423 receivers, all in a surface mount 16 pin package. This device is electrically similar to the 26LS30 and 26LS32 devices and is a direct replacement for the DS8925.

The drivers feature $\pm 10V$ common mode range, and the differential driver provides TRI-STATEable® outputs. The receivers offer ± 200 mV thresholds over the $\pm 10V$ common mode range.

Features

- Single chip solution for LocalTalk port
- Two driver/three receivers per package
- Fast rise/fall times and propagation delay on receivers
- Wide common mode range: $\pm 10V$
- ± 200 mV receiver sensitivity
- 70 mV typical receiver input hysteresis
- Available in SOIC packaging

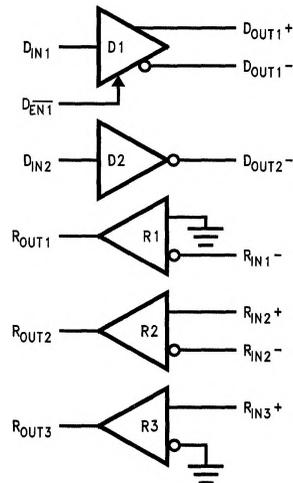
Connection Diagram



Order Number **DS8926M**
See NS Package Number **M16A**

TL/F/12646-1

Functional Diagram



TL/F/12646-2