

# **Application Note 314**

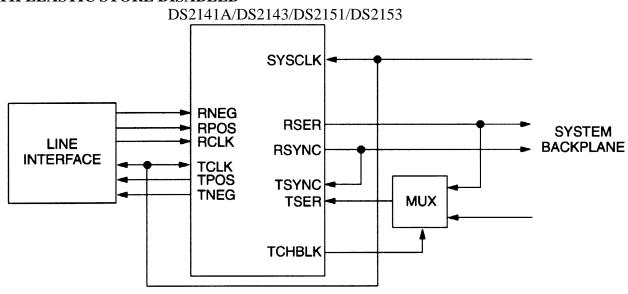
DS2141A, DS2142, DS2151, DS2153 PCM Interface Per-Channel Loopback

### www.dalsemi.com

### WITH ELASTIC STORE DISABLED

DS2141A/DS2143/DS2151/DS2153 **SYSCLK RNEG** RPOS RCLK **RSER** LINE **RSYNC INTERFACE** TCLK TPOS **TSYNC** SYSTEM TNEG **MUX TSER BACKPLANE TCHBLK** 

#### WITH ELASTIC STORE DISABLED



## **NOTES:**

- 1. The TCHBLK signal is used to control a 2:1 multiplexer which will select which channels (if any) are to be lopped back to the network.
- 2. In DS2151 and DS2153 applications, the line interface is included onboard the devices.

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