

T1 Transceivers

Features

- Monolithic T1 Framing Device
- Both Transceivers support D4 and ESF framing formats
- CS2180B also supports SLC-96 and T1DM framing formats
- CS2180B has updated AIS and Carrier Loss detection criteria
- CS2180B is Plug Compatible with CS2180A, DS2180A and DS2180

General Description

The CS2180A and CS2180B are monolithic CMOS devices which encode and decode T1 framing formats. The devices support bit-seven and B8ZS zero suppression, and bit-robbled signaling. Clear channel mode can be selected on a per channel basis.

The serial interface has been enhanced to allow the CS2180A and CS2180B to share a chip select signal and register address space with the CS61534/35/74 PCM Line Interface device.

Applications

- T1 Line Cards
- ISDN Primary Rate Line Cards

Ordering Information:

CS2180B-IP	40 Pin Plastic DIP	-40 to 85 °C
CS2180B-IL	44 Pin PLCC	-40 to 85 °C
CS2180A-IP	40 Pin Plastic DIP	-40 to 85 °C
CS2180A-IL	44 Pin PLCC	-40 to 85 °C

