

General Description

The ISAC-P PEB 20950 is a combination of transceiver and HDLC controller for ISDN terminals in a two-wire PBX environment. Transceiver functions are performed according to the two-wire PBX industry standard U_{P0} . This corresponds to all of the functions available on the IBC PEB 2095. Similarly the HDLC protocol is processed as described for the ICC PEB 2070. The ISAC-P represents both the IBC and ICC on a single IC.

Type	Package
PEB 20950-N	P-LCC-44-1 (SMD)
PEB 20950-P	P-DIP-40-2

Features

- Half-duplex burst-mode two-wire transceiver
- AMI-line code
- Adaptive line equalization
- High-level support of LAPD protocol
- FIFO-buffer (2 × 64 bytes) for efficient transfer of D-channel packets
- IOM interface to other ICs
- Switching of test loops
- 8-bit μP interface
- Advanced CMOS technology
- Low power consumption

