General Description

The PSB 7110 ISAR has been designed as advanced solution for passive ISDN PC cards and stand alone terminal adapter boxes. It is an ISDN-data access controller, which supports data rate adaption, standard HDLC protocolling and communication with remote analog fax or modem applications.

Applications

- ISDN PC Card /Standalone Box
- ISDN Data Terminals
- Modem
- Radio in the Loop
- Digital Terminal Manufacturers
- Computer Manufacturers
- Modem Producers

Type	Package
PSB 7110-F	P-TQFP-100-1 (SMD)

Features

- Two universal formatter supporting async, HDLC and binary framing of B-channel data
- One HDLC formatter with TIC-bus support for D-channel applications in terminal mode
- Fax/modem modulation up to 14.4 kbaud (V.32bis, V.17) including fall back modes
- DTMF generation / reception
- 8 Kbyte on-chip RAM for internal use and HDLC-frame buffering
- 256-byte FIFO per direction for host interface communication
- 8 Kbyte external SRAM interface for V.32bis support

Block Diagram

ITB08608