

ISDN Terminal Adapter Circuit ITAC PSB 2110

The ISDN Terminal Adapter Circuit interfaces standard terminals and PCs to a circuit switched data network or an ISDN. It supports both bitstuffing (V.110) and flag-stuffing (V.120) adaptation protocols. The on-chip communication controllers handle signaling between data equipment and the network.

1. Potential application

- Voice/Data Terminals
- ISDN PC-Cards
- ISDN Terminal Adapters

Customers

Data Terminal Manufacturers
Telephone Manufacturers

2. Features:

- Support of async and sync interfaces (X.21, X.21 bis V.24, RS232C, V.35)
- Modem control lines
- Programmable baud rates
- Bit rate adaptation according to X.30, V.110, ECMA.102
- USART and HDLC controller to support V.120 and DMI applications
- In-band parameter exchange and signaling support
- Supports SSI- and IOM-2-interface for Basic Rate applications
- IOM-2 MONITOR channel controller
- Siemens/Intel multiplexed microprocessor interface
- Power down (standby) mode

3. Packaging

Type	Ordering Code	Package
PSB 2110N V3.1	Q67101-H6742	P-LCC-44
PSB 2110H V3.1	Q67101-H6744	P-MQFP-44
PSB 2110P V3.1	Q67101-H6743	P-DIP-40

4. Product status

Product	Step	Status	Changes
PSB 2110 N/P/H	V3.1	ES available, Prod. 1/97	
PSB 2110	V2.3	Not for new designs	

5. Diagram

Grafikname:
Erstellt in:
Erstellt am:

6. Design-In material (Please contact our sales office for details)

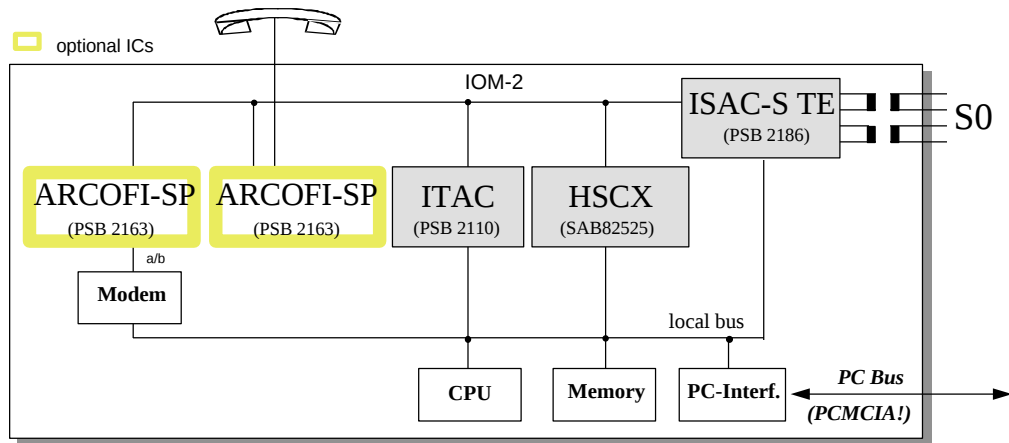
	<u>Date of issue/version</u>	<u>Type of material</u>
ITAC User's Manual incl. Appl.notes	03/92	Booklet (B115-H6518-X-X-7600)
Delta Sheet V2.3	09/93	Copy
Errata Sheet V2.3	12/94	Copy
Quality report PSB 2110 N + P	1/91	Copy
Delta Sheet V3.1	3/96	Copy

7. Development Tooling

	<u>Availability</u>	<u>Ordering number</u>
SIPB 5140 Adapter Module (ITAC)	available	Q67100-H6025
SIPB 5000 Mainboard	available	Q67100-H8647
SIPB 8051 ISDN Telephone and Terminal Adapter Board	available	Q67100-H6321

8. Applications

- ISDN PC-Card



- Voice/Data Terminal

