SIEMENS

ICs for Communications

ISDN Subscriber Access Controller ISAC®-S

PEB 2086 Version 1.4

Delta Sheet 01.98

PEB 2086						
Revision His	story:	Current Version: 01.98				
Previous Version:		None				
Page (in previous Version)	Page (in current Version)	Subjects (major changes since last revision)				

Edition 01.98

This edition was realized using the software system FrameMaker[®].

Published by Siemens AG, HL TS, Balanstraße 73, 81541 München

© Siemens AG 1998.

All Rights Reserved.

Attention please!

As far as patents or other rights of third parties are concerned, liability is only assumed for components, not for applications, processes and circuits implemented within components or assemblies.

The information describes the type of component and shall not be considered as assured characteristics.

Terms of delivery and rights to change design reserved.

For questions on technology, delivery and prices please contact the Semiconductor Group Offices in Germany or the Siemens Companies and Representatives worldwide (see address list).

Due to technical requirements components may contain dangerous substances. For information on the types in question please contact your nearest Siemens Office, Semiconductor Group.

Siemens AG is an approved CECC manufacturer.

Packing

Please use the recycling operators known to you. We can also help you – get in touch with your nearest sales office. By agreement we will take packing material back, if it is sorted. You must bear the costs of transport.

For packing material that is returned to us unsorted or which we are not obliged to accept, we shall have to invoice you for any costs incurred.

Components used in life-support devices or systems must be expressly authorized for such purpose!

Critical components¹ of the Semiconductor Group of Siemens AG, may only be used in life-support devices or systems² with the express written approval of the Semiconductor Group of Siemens AG.

- 1 A critical component is a component used in a life-support device or system whose failure can reasonably be expected to cause the failure of that life-support device or system, or to affect its safety or effectiveness of that device or system.
- Life support devices or systems are intended (a) to be implanted in the human body, or (b) to support and/or maintain and sustain human life. If they fail, it is reasonable to assume that the health of the user may be endangered.

SIEMENS

ISDN Subscriber Access Controller ISAC®-S

PEB 2086

Delta Sheet for the Version 1.4

LT-T Mode

The version V1.4 has corrected all problems related to D-channel collision resolution in LT-T mode.

The mode selection: MODE:DIM2-0=011 does not produce incorrect HDLC frames.

Version Number

The version number has been changed to '10'.

Receive Frame Byte Count High

	7	6	5	4	3	2	1	0	Adr.
RBCH	XAC	VN1					RBC9		2A _H

VN1-0 Version Number of Chip

10 Version V1.4

Please note that this combination has been previously used for PEB 2085 VB2. To distinguish between V1.4 and VB2 it is suggested to set the MULT-bit in the STAR2 register to '1' and read back the STAR2 register. If the return value shows a '1' at the MULT bit position, than V1.4 is installed. If the return value remains '0' than VB2 is installed. Please make sure that the MULT bit is reset before the regular operation begins.