

CAI_GPRS-GPS-SOC-01

A large, light gray rectangular area that serves as a placeholder for a photograph of the CAI_GPRS-GPS-SOC-01 module. Centered within this area is the text "Picture upon request support@embrick.de".

Picture upon request
support@embrick.de

1.1 Description

With this module, a corresponding IMACS host board (e.g. CPU board) can be expanded by a GPRS interface and thus a data connection with other systems such as a visualization PC can be established.

To establish a GPRS connection, a microSIM card must be inserted into the slot provided and the antenna need to be connected to the ST2 connection.

Frequencies and transmission power:

GSM/EGSM 850/900 MHz, 2W

DCS 1800 MHz, 1W

PCS 1900 MHz, 1W

LEDs:

LED1: Status

LED2: TxD

LED3: 3,3V

LED4: RxD

LED5: NetLight

The SIM868 product from xmodus swiss GmbH is used here.

1.2 Connectors and Indication-/Operation-Elements

Brick

Picture upon request
support@embrick.de

1.3 Input-/Output Scheme

The following diagram shows the adaption of the control unit. To avoid overlapping, some wires are displayed interrupted and dashed.

no DocCompAdapt available

1.4 Technical Data

1.4.1 User Notes

- Blinking behavior StateLED:
Each Morse code is 3 seconds long!
not initialized = flashing continuously at approx. 5Hz
no communication = short-long-short
too little communication = short-short-short
disturbed communication = short-long-long
OK = continuous flashing at approx. 1Hz (0.6-1.5Hz)

1.5 History

On the following page you will find a list of changes that have been made to the product.

1.5.1 History

Date	Entry scope (HW, SWappl, SWapi, Release)	Entry type (enhancement, improvement, bugfix, release)	Version	Status (development, implemented, tested)	Responsible	Reason for the modification	Items of modification	Impact for (end-)customer	Comment	Location in model/source
xxxx-xx-xx		Release	0.99	Tested	NSt					

For questions please contact:

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