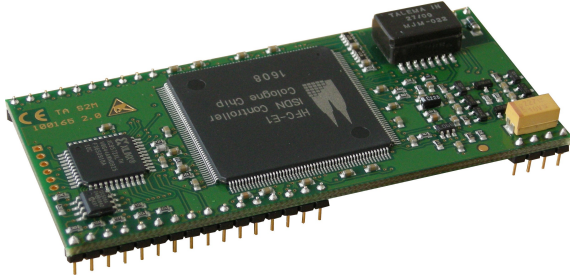


# eviateg TA S2M PCM



- Ready to integrate ISDN Primary Rate solution with S<sub>2M</sub> interface („E1“)
- Quick time-to-market
- Reduction of development time / costs

## **Features:**

- Versatile RS232-based command protocol
- Software development kit (SDK) for free
- PCM bus for phone applications
- Caller line identification
- Called party identification / DDI
- Date and time
- Advice of charge information
- Automatic B channel protocol recognition
- Built-in D channel analyzer
- Remote configuration with password check
- Firmware updateable (Flash Memory)

## **Specialized versions available:**

- **TA S2M uLaw** with online 30-channel conversion A-Law <->  $\mu$ -Law for devices expecting  $\mu$ -Law on the PCM bus

## **Specifications:**

**Size:** 81.0 mm x 37.8 mm x 12.9 mm  
(3.189 inch x 1.488 inch x 0.508 inch)

**Power requirements:** 3.3 V DC  $\pm$ 5 %

### **Power consumption:**

Typical 0.45 W @ 3.3 V

### **Environment:**

Humidity: 0 .. 70 % not condensing

Operating ambient temperature:

- 0 °C .. +70 °C (standard)
- -30°C .. + 70°C (E types)

### **User interfaces:**

Serial: ITU-T V.24

ISDN: S<sub>2M</sub> interface (PRI, ITU-T I.431)

PCM: PCM32, PCM64, PCM128 for standard  
codecs (eg. Winbond W681310)

### **ISDN switch types:**

DSS1 / NET3 (PP)

other types on request

### **Certifications:**

EMC: EN55022, EN61000-3-2, EN61000- 3-3,  
EN55024

Telecom: TBR4 / CTR4

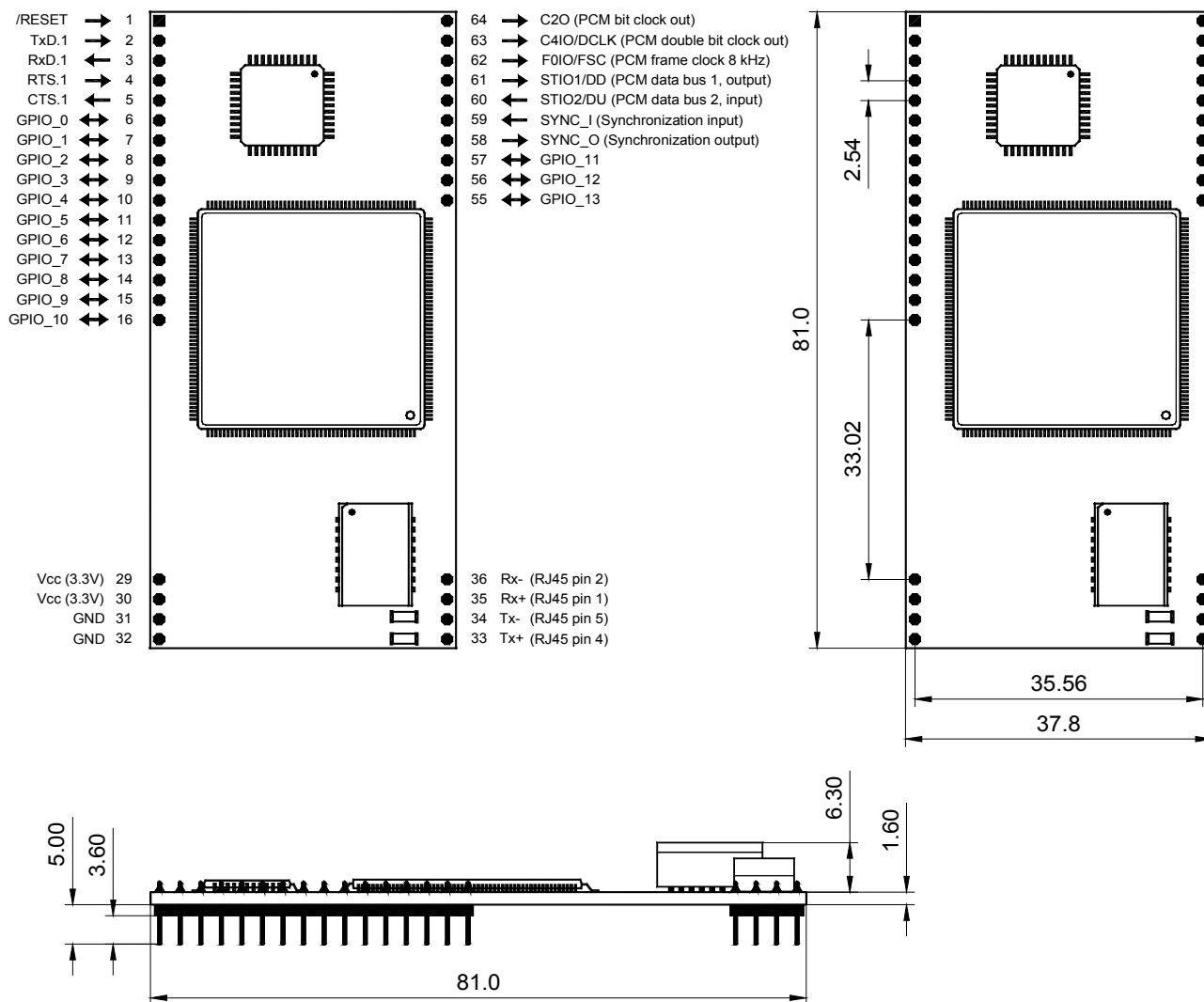
**Production:** ISO9001/9002 compliant

**Warranty:** 2 years

eviateg GmbH – Muehlenweg 143 – D-22844 Norderstedt – Germany  
Phone: +49 40 60848790 – Fax: +49 40 60849041  
eMail: info@eviateg.com – web: www.eviateg.com



**Pinout and mechanical specifications:**



**Ordering information:**

Order number	Product name	Operating voltage	Operating temperature	Evaluation kit order number
410200	TA S2M PCM	3.3 V	0°..+70°	450752
410201	TA S2M µLaw	3.3 V	0°..+70°	450752
410202	TA S2M-E PCM	3.3 V	-30°..+70°	450752
410203	TA S2M-E µLaw	3.3 V	-30°..+70°	450752

**Evaluation kits contain:**

- evaluation board with one eviateg TA S2M and two RS232 interfaces
- codec interface board with two audio interfaces
- two handsets with cords
- power supply
- ISDN cable
- RS232 cables
- AC adaptor
- Software Development Kit (SDK) on CD