

DELTA DESIGN SM_H2 SOCKET MODEM PRODUCT BRIEF

Product Description

The SM_H2 MODEM MODULE is a complete modem module that meets global telephone line requirements. Available in a socket (64,5 mm x 26,5mm) size footprint, the device is ideal for embedded modem applications due to its small board space, low power consumption and global compliance.

The module allows you to reduce time to market by using a ready to use approved solution.

Features

- Modulation and protocols
 - ITU-T V.92
 - V.90,V.34,V.32bis, V.32, V.22bis
 - V.21,Bell 212A, Bell103
 - V.23 Reversing,V.23 half-duplex
 - V.29 FastPOS and V22bis fast connect
 - V.80 Synchronous Access Mode
 - V.17/V.29 Fax Class 1/1.0 and Fax Class 2
- V.44,V.42bis, MNP5 data compression
- Error Correction: ITU-V.42
- Call Waiting detection
- Serial Asynchronous host interface
- Flow control and speed buffering
- Type I and Type II Caller ID detect
- Call progress, blacklisting
- Integrated DAA
 - Extension pickup detection
 - Digital Line protection
 - Line –in-Use detection
- 3.3V power supply
- Low power consumption
- NVRAM for custom defaults
- Small Size 64.5 x 26.5 mm
- Reliable SMD based design
- SIA protocol and Contact ID for alarm equipment
- 3 kV isolation
- Full-duplex PCM voice pass-through
- Telephony/TAM support
- Speakerphone

Applications

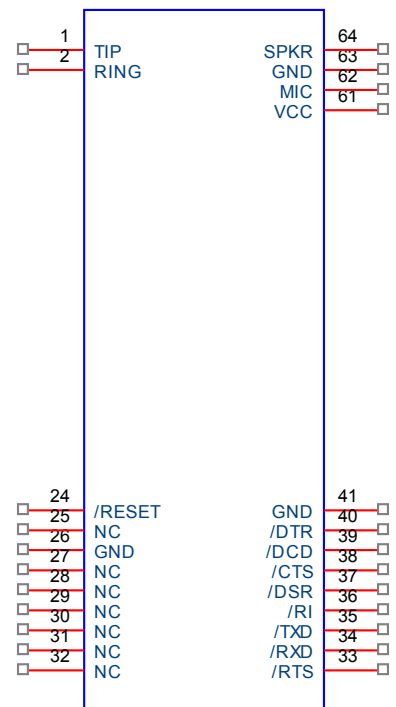
- Security systems
- Point-of-sale verification systems
- Set top boxes
- Industrial /medical monitoring systems
- Power meters
- Remote monitoring
- Email Terminals
- ATM Terminals

Standard Compliance

- Telecom
 - ETSI ES 203021-1 V2.1.1 (2005-06)
 - ETSI ES 203021-2 V2.1.1 (2005-06)
 - ETSI ES 203021-2 V2.1.1 (2005-06)
- Safety
 - IEC60950-1 compliant design
 - Use of safety certified components
- EMC
 - EN55022 class B
 - EN55024
- RoHS Compliant

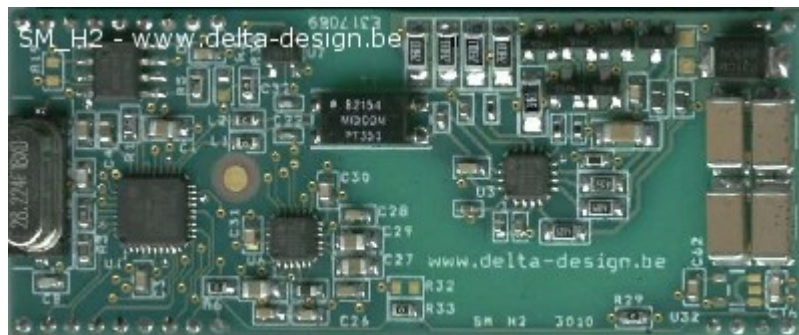
PI N	NAME	FUNCTION	DIR
1	TIP	Telephone Line TIP	-
2	RING	Telephone Line RING	-
24	/RESET	Reset Active low input	In
25	NC	Not Connected	-
26	GND	Signal Ground	-
27	NC		
28	NC		
29	NC		
30	NC		
31	NC		
32	NC		
33	/RTS	Request To Send	In
34	/RXD	Receive Data	Out
35	/TXD	Transmit Data	In
36	/RI	Ring Indicator	Out
37	/INT	Interrupt	Out
38	/CTS	Clear To Send	Out
39	/DCD	Data Carrier Detect	Out
40	/DTR	Data Terminal Ready	In
41	GND	Signal Ground	-
61	VCC	Power Supply (3V3)	In
62	MIC	Microphone	In
63	GND	Signal Ground	-
64	SPKR	Speaker	Out

PIN Signals



ORDERING INFORMATION

MODEL	Description		
SM H2 3V3	V.92 Socketmodem 3.3 V supply		
SM H2 3V3 V	V.92 Socketmodem 3.3 V supply with voice codec		



SM_H2_PB_D3

