

SM_H2 hardware specifications

PSTN V.92 (56 k) socket module based on the most recent Harley 2 Conexant technology. The module is preferably suitable for embedded medical, metering and alarm applications.

Form Factor

- PSTN Socketmodem
- Dimensions: 64.5 x 26.5 mm

Power Supply

- 3.3 Vdc 3V3
- Low Power consumption

Engine

- Conexant Harley 2 chipset
- Serial modemprocessor (Conexant) with SmartDAA and voice Codec speakerphone support for SIA alarm listen-in applications
- Full duplex Speakerphone with AEC
- Controller based, no external memory needed

Communication Protocols

- V.92 : Quick Connect, Modem-on-Hold and PCM upstream
- 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 en V22bis fast connect
- V.80 synchrone Access Mode
- V.17/V.29 Fax Class 1/1.0 en Fax Class 2
- Telephony/TAM voice modes support (V.253)
- Datacompression: V.44,V.42bis, MNP5
- Errorcorrection: V.42 en MNP 2-4
- V.80 synchrone access mode, synchrone and asynchrone

Certification

- CE
- Australia
- New Zealand

Interface & Connectors

- Serial asynchrone DTE host interface

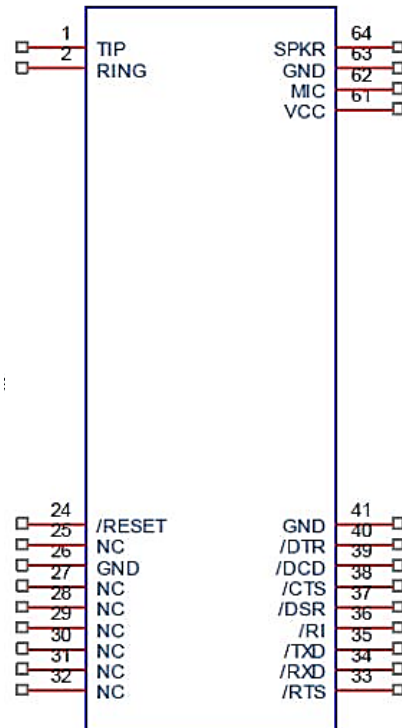
Alarm Protocols

- SIA support
- Contact ID

Functionality

- 3 kV isolation
- Call Waiting detection
- Hardware and software flow control and speed buffering
- Type I and Type II Caller ID detection
- Type II Caller ID 'snooping'
- Call progress, 'blacklisting'
- Integrated DAA
- Extension pickup detection, digital line protection
- Line -in-Use detection
- NVRAM firmware codes
- 63 embedded and upgradable country profiles
- Full-duplex PCM 8-bit/16-bit voice
- pass-through mode
- DTMF tone production and detection
- Concurrent DTMF, ring and Caller ID detection

PIN Layout



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