

**F-ES56C-V1 Synchronous MODEM Specification****Product Description:**

Conexant chipset TTL Embedded Synchronous Modem,high quality,do good in compatible, support PNP function.

**Product Features:**

Hardware structure : Embedded MODEM

Caller ID : Support

Standard : ITU-T V.92/V.90/K56Flex,V.34,V.32bis,V.32,V.22bis,V.22,V.23 and V.21;Bell212A and 103

- Bell103FastConnect and V.21FastConnect (300bps) Asynchronous

- V.22 and Bell212A (1200bps) SDLC

- V.22 and Bell212A (1200bps) Asynchronous

- V.22FastConnect and Bell212AFastConnect (1200bps) SDLC

- V.22FastConnect and Bell212AFastConnect (1200bps) Asynchronous

- V.22bis and Bell 2400bps (2400bps) SDLC

- V.22bis and Bell2400bps (2400bps) Asynchronous

- V.29FastPOS (9600bps) SDLC

- ITU and Bell POS answer modes

Fax velocity : 14400bps

DTE Data Rate : 115200/57600/38400/19200/14400/9600/4800/2400/1200

FAX mode : ITU-T V.17, V.29, V.27ter and V.21 Channel 2

Data Error Correction : V.42LAPM and MNP2-4

data bits : 8,9,10,11

stop bits : 1,2bit

parity : odd,even,none

Data Compression : V.42 bis and MNP5

Flow control : Hardware CTS/RTS CTS ONLY(DTR/DSR)Software XON/XOFF

Date Mode : Synchronous

Telephone Line connection : 2 wire Dial-up

AT Command Set : EIA /TIA 578 class 1

Output Resistance : average 600  $\pm$  10% ( )

Operating system support : DOS,WINDOWS95,WINDOWS98,WINNT4.0,WINDOWS2000

WINDOWS XP,Linux

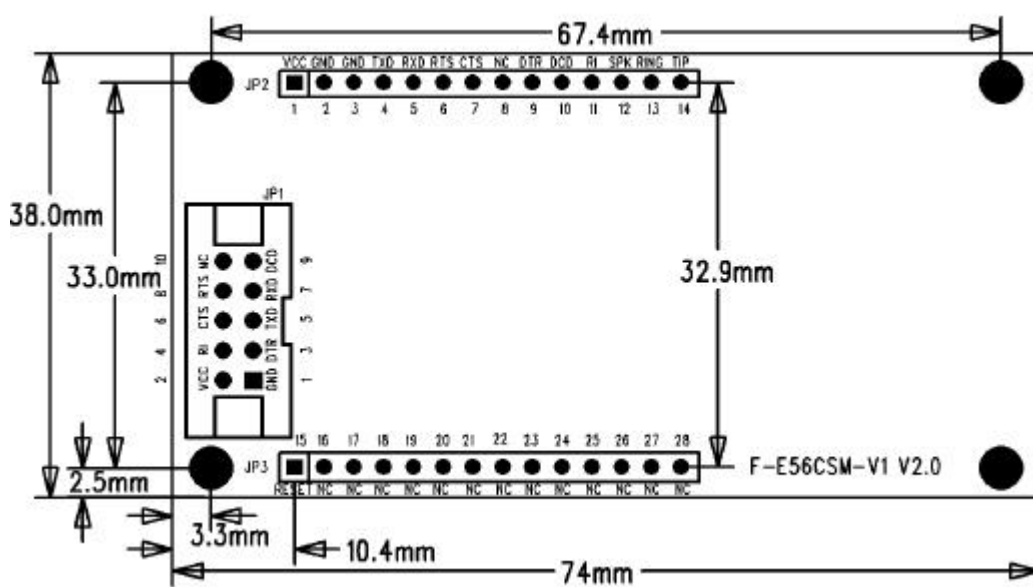
Terminal interface : TTL

System requests : CPU is up 200M MMX;Access 16M RAM;20MB hard disk storage space required

Size : 74mm\*38mm

Request Power : DC5V

Operation temperature : 32°F to 131°F (0°C to 55°C)

**Specification Size:**

**Pin definition:**

**JP2 (RS-232 TTL level interface) :**

1PIN VCC : Single +5V supply +5%

2PIN GND : GND

3PIN GND : GND

4PIN TXD : Transmitted Data

5PIN RXD : Received Data

6PIN RTS : Request To Send

7PIN CTS : Clear To Send

8PIN NC : NC

9PIN DTR : Data Terminal Ready

10PIN DCD : Received Line Signal Detector

11PIN RI : Ring Indicator

12PIN SPK : Modem Speaker Digital Output

13PIN RING : Telephone Line

14PIN TIP : Telephone Line

**JP3:**

15PIN RESET : RESET

16PIN~28PIN : NC

**JP1 : (RS-232 Serial interface) : (Optional)**

1PIN GND : GND

2PIN 5V : Single +5V supply +5%

3PIN DTR : Data Terminal Ready

4PIN RI : Ring Indicator

5PIN TXD : Transmitted Data

6PIN CTS : Clear To Send

7PIN RXD : Received Data

8PIN RTS : Request To Send

9PIN DCD : Received Line Signal Detector

10PIN NC : NC