NISKECOM4

Main Features

- mini-PCIe form factor
- Easy and user-friendly configurations
- DB26 connector interface

Product Overview

NISKECOM4 with universal I/O bracket is specifically designed with NISE/NIFE models for serial port expansions. Based on four independent UART channel, NISKECOM4 can support four independent RS232 ports via cables with DB26 or DB9 connector type. For DB26 connector type, NISKECOM4 only supports Tx/Rx/CTS/RTS signals.

Specifications

Form Factor
- mini-PCIe form factor

Dimensions
- 30mm (W) x 51mm (L)

Interface and Operation
- Expansion bus interface
- PCIe 2.0 gen 1 Compliant
- x 1 Link, Dual simplex, 2.5Gbps in each direction
- Data read/write 32-bit operation

UART and Register
- Global interrupt status register for all four UARTs
- Up to 25Mbps serial data rate
- 16 multi-purpose inputs/outputs (MPIOs)
- 16-bit general purpose timer/counter
- Four independent UART channels controlled with
  - 16550 compatible register set
  - 256-byte TX and RX FIFOs
  - Programmable TX and RX trigger levels
  - TX/RX FIFO level counters
  - Fractional baud rate generator
  - Automatic RTS/CTS or DTR/DSR hardware flow control with programmable hysteresis
  - Automatic Xon/Xoff software flow control

Environment
- Environment operating temperature: 0°C to 70°C
- Storage temperature: -20°C to 75°C

OS Support
- Windows XP 32-bit and 64-bit
- Windows 7 32-bit and 64-bit

Ordering Information

Barebone

- **NISKECOM4 universal kit (DB26)(P/N: 10JK0ECOM06X0)**
  mini-PCIe to 4 port RS232 via internal DB26 connector w/ universal bracket (cable length:25cm)

- **NISKECOM4 universal kit (DB9) (P/N: 10JK0ECOM05X0)**
  mini-PCIe to 4 port RS232 module w/ universal bracket (cable length:25cm)

NEXCOM

Factory Automation

Last update: 09/26/2017