

Features

- Standard RS-485/422, RS-232 protocol bus
- RS-232 and RS-485/422 could set to different transmission speed
- Watchdog function included
- D+, D- Half-duplex RS-485/422 Transceiver with Auto-direction Flow Control
- Easily Setup and Installation
- 300 ~ 115,200 Multiple Selectable Transfer Speed
- 2500 Vrms opto isolation protection
- Software choose to set RS-485 to RS-232 or RS-422 to RS-232 mode
- Software choose to set addressable or non-addressable mode
- Driver support for DOS Win95/98, WinNT

Overview

RS-232 is the most common and popular standard protocol. And it is widely used and available on many equipments such as PC, measurement equipments, PLCs, and industrial devices. But there are some capability limitations about the communication distance, unbalanced transmission, and transmission speed.

The ND-6521 is an addressable RS-485/422 to RS-232 converter. It takes advantages to build up the RS-232 devices to the RS-485/422 network, and for the convenience to the users of numerous PC, measurement equipments, PLCs and industrial devices, it provides an easy way to control and monitor the RS-232 devices by assigning each devices an address for easier communication.

Applications

- › Automatic Process Monitoring & Control
- › Portable Diagnosis
- › Remote Data Recording
- › Industry Automation
- › Testing System
- › Floor Automation System
- › POS. system

Specifications

Microprocessor::

- › ATMEL 89C51-24JC or comparable

Uart:

- › Exar ST16C550 or compatibles
- › FIFO: 16 bytes

Transceiver:

- › RS-232: LTC1381
- › RS-485/422: LTC1535

IO Interface:

- › RS-485/422/232
- › Selectable transfer speed with 300, 600, 1200, 2400, 4800, 9600, 19.2K, 38.4K, 57.6K, 115.2K bps
- › 2500Vrms isolation
- › Surge protection

Connector:

- › RS-232 DB9 connector female
- › RS-485/422: 10-pin Screw terminal

Cable:

- › DB9 male to female

LED Indicator:

- › ON: Receiving power
- › Flashing: Data transfer
- › OFF: No power apply

Power Supply: 10 ~ 30VDC

Operating Temperature: -10 to 70 °C

Storage Temperature: -20 to 80 °C

Power Consumption:

Software Support

- › Dos
- › Windows 95/98
- › Windows NT
- › DDE
- › ISaGRAF

Order Information

ND-6521

Addressable RS-485/422 to RS-232 Converter