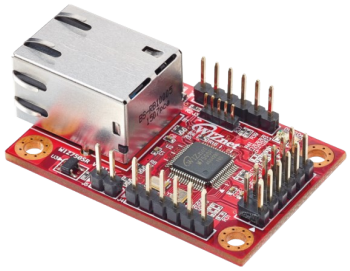
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WIZ750SR-232



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Quick Overview

compact size Ethernet to RS-232 converter based on W7500p. Fully compatible with WIZ107SR/WIZ108SR.

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Details

Product Description

The WIZ750SR is the compact sized serial to Ethernet module using the WIZnet chip W7500P, based on a Cortex M0. The WIZ750SR is the protocol converter that transmits the data sent by serial equipment as TCP/IP data type and converts back the TCP/IP data received through the network into serial data. The WIZ750SR is the successor of the widely used WIZ107SR/WIZ108SR and incorporates the experience of several years of module development. It complies with industrial temperature standard and supports all relevant serial interface systems (TTL / RS-232 / RS-422/485). WIZ750SR contains an 4-pin GPIO expansion port that can be controlled freely by the user. (analog input or digital in/out)

This module is the RS232 version.

Features

- Hardwired TCP/IP Ethernet functionality
- Serial to Ethernet module based on the W7500p chip
- RJ45 mounted on the PCB already, pin header type module
- RS-232 signals: TXD, RXD, RTS, CTS, GND (optional DSR, DTR)
- configurable by AT command set and configuration tool
- module settings can be secured with a password
- 10/100 Mbps Ethernet speed, 230 kbps max serial connection speed
- 8 Independent hardware socket
- Internal 32 kBytes memory for TCP/IP packet processing

Related Links

WIZ750SR product page in the wizwiki.net wiki

W7500 product page in the wizwiki.net wiki

More references for WIZ750SR in the WIZnetMuseum

Additional Information

Dimension	48 x 30 x 18 mm
Ethernet I/F	PHY
Operating Temperature	0 °C to +70 °C
	3.3 V

Functions	4-in-1, MCU+TCP/IP+MAC+PHY
Auto Negotiation	Yes
Package	pin module
pin count	2 x 6, 1 x 2, 1 x 12 and 1 x 5
auto MDIX	Yes
Wake on Lan	Yes
Power Down Mode	Yes
typ. Power Consumption	100 mA
MCU core	ARM Cortex-M0
MCU I/F	I2C, SPI, UART
PHY chip	internal
Related Chip/Module	W7500P
Connector Type	header pins
Serial I/F	RS232
serial connector count	1
Ethernet connector	RJ45
pin pitch	2.54 mm and 1.27 mm
voltage regulator (LDO)	No
MAC address inside	Yes
PoE possible	No
Ethernet Speed	10/100
UART (max speed)	230k
Manufacturer	WIZnet

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