LAN Modules (continued)

PI-Module ISDN

With the PI module made by AK-NORD, a subsequent connection of serial terminals to LAN, ISDN or Bluetooth can be easily performed. The RS232/V24 or an internal RS485 interface are offered in the device. Only a small outlet of 64 x 20mm is required in order to plug the Pi modules in the terminals. The PI modules are fixed with two screws and internally supplied with a tension of 6 to 40 volts.

- Power supply: 6 - 40Volt / ca. 100 mA
- Dimensions: 64 mm x 82 mm
- Connectos: 9pin Sub-D Plug, RJ45 ISDN
- Functions: Modem - Emulation, PAD - Emulation
- ISDN Protocols: D-Channel, X.31, B-Channel, X.75, X.25, V.110/ECMA102, V.120
- Serial Interface: RS232 /V24
  Speed 300Baud -230KBit
  7-8Bit,Odd-Even parity
  Signals: TXD, RXD, RTS, CTS, DSR, DTR, DCD, GND

Part No.		Ord. No.
o	LPT2 USB	71350

LPT2 USB

Adapter to connect the LPT(parallel) - Ports from Clients with the USB - Port from Printers and Multifunction-Printers.

Connectors
1 x 25Pin - SUB-D Plug
1x USB - B Plug

Part No.		Ord. No.
o	LPT2 USB	71350

EG-SR 7100 Series

EG-SR 7100A

EG-SR 7100A is a true Internet-on-a-Chip, which will be an infrastructure of ubiquitous devices on IPv6, as progress of SoC, where all functions of system will be implemented into a single chip. Internet-on-a-Chip will become new paradigm of SoC, where IP of Hardwired TCP/IP protocol will become a core block as virtual component.

- Plug and Play RS-232/Ethernet modul
- High stability & reliability by Hardwired TCP/IP Chip (W3100A-LF)
- 10/100Mbps Ethernet Interface, Max. 230Kbps Serial Interface
- Power supply 3,3V/150mA
- Configuration program: Easy interface and powerful functionality
- dimensions 50mm X 30mm

Part No.	Description	Ord. No.
s EG-SR 7100A	Converter TCP/IP <-> RS232	55942

EG-SR 7100A - EVB

Contents:
- EG-SR 7100A
- Module and Evaluation Board
- Firmware Source and H/W Schematic of evaluation board
- Configuration program
- Power supply, UTP cable, Serial cable

Part No.	Description	Ord. No.
o EG-SR 7100A-EVB	Development kit k EG-SR7100A	58832

WIZ 610wi

Stand-alone typed 802.11b/g wireless LAN-module
- Ethernet to Wireless Bridging : Enable wired network device to have wireless communication interface
- Supports Serial Interface for "Serial to Wireless" application
- Supports AP/Station/Gateway mode
- 54Mbps data rate and Max.20Mbps Effective Data Transmission
- Full-Featured Network Protocol Stack
- Built-in Web server for configuration via standard web browser

Technical Parameters	WIZ 610 wi
Wireless Standards	IEEE 802.11b; 802.11g
Frequency Range	2.412GHz ~ 2.472GHz
Output Power	14dBm@802.11b(1~11Mbps) 14dBm@802.11g(1~54Mbps)
Receive Sensitivity	802.11b -65dBm@11Mbps 802.11g -76dBm@54Mbps
Range	Up to 200m/2dBi antenna gain
Modulation Techniques	11g: OFDM (64QAM, 16QAM, QPSK, BPSK) 11b: DSSS (CCK, DQPSK, DBPSK)
Serial Interface	UART, CMOS (Asynchronous) 3.3V-level signals, rate is software selectable
Network Interface	MII, Wireless 802.11b, 802.11g
Protocols Supported	ARP, UDP, TCP, Telnet, ICMP, DHCP, PPPoE, BOOTP, HTTP, SMTP, TFTP

Part No.		Ord. No.
s	WIZ610wi	75008

WIZ 81x Series

- Plug-in Module
- Usable without H/W design for W5100, transformer and RJ-45
- Available of fast evaluation of W5100 and MCU in the target board
- Supports MCU BUS ans SPI Interface
- Supports Auto MDI/MDIX (auto detection of crossover)
- Supports network status indicator LEDs - FDX, TX, RX, LINK, Collision

Technical Parameters	WIZ 810 MJ	WIZ 812 MJ
TCP/IP	W5100	
PHY	Embedded in W5100	
Mag Jack	PPT RJ113BZ	
Interface	10/100 Base-T Ethernet (Auto Detection)	
Protocol	TCP, UDP, IP, ARP, ICMP, IGMP, PPPoE, MAC	
Dimension WxHxD	52 x 25 x 21mm	55.5 x 25 x 23.5mm
Connector Type	2mm pitch 14 x 2 header	2.54mm pitch 10 x 2 header J2:9 GND, ->RX_LED J2:10 GND, - >TX_LED J2:19 GND, ->LINK_LED
PCB Through Hole	x	4x 3.00mm
SPI Signal Pin	Shared for SPI and BUS signals	Separated for SPI signals
Input Voltage	3.3V internal operation and 5V tolerant I/Os	
Power Consumtion	10/100 baseT max. 185mA (3.3V)	

Part No.		Ord. No.
o	WIZ810MJ	72157
s	WIZ812MJ	72158

WIZ 830 MJ

- Plug-in Network Module having W5300 & Mag Jack
- Usable without H/W design for W5300, Transformer and RJ-45
- Available of fast evaluation of W5300 and MCU in the target board
- Supports 8 Independent connections simultaneously
- Supports MCU BUS Interface
- Supports 16/8 bit data bus width
- Support Memory to Memory DMA