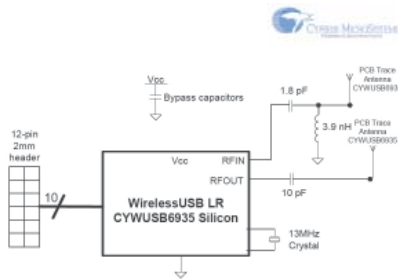## RF Modules - 2,4GHz
CYWM Series

The CYWM6935 WirelessUSB LR Radio Module offers a complete radio module solution for integration into existing or new 2.4-GHz products. The CYWM6935 is tested for functional operation and is FCC/ETSI(EU)/Industry pre-certified. The module is supplied with dual integrated PCB trace antennas. The CYWM6935 is available in a small PCBA design and can be mounted horizontally to the device PCB via a 12-pin header.

Applications
- Consumer / PC (Locator Alarms, Presenter Tools, Remote Controls, Toys)
- Building/Home Automation (Climate Control, Lighting Control, Smart Appliances, On-Site Paging Systems, Alarm and Security)
- Industrial Control (Inventory Management, Factory Automation, Data Acquisition, Automatic Meter Reading (AMR)
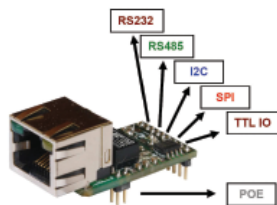- Transportation (Diagnostics, Remote Keyless Entry)

Technical Parameters	
Operating Voltage	2,7 to 3,6 V
Output Power	up to 0 dBm
Receive Sensitivity	-95 dBm
Data Throughput	62,5 kbps
Signal coverage	cca 50m
Dimensions	23,75 x 23,75 mm

	Part No.	Note	Ord.No.
s	CYWM6935	WirelessUSB+PSoC	56507

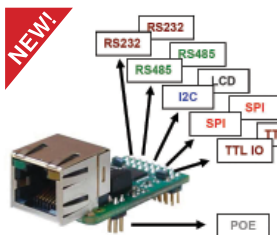## LAN Modules
XT NANO Series

XT NANO
With its extremely little dimensions of only 20 x 32mm is the XT-NANO-MODUL particularly appropriate to be integrated in very small terminals. With a total of four switchable BUS systems, such as RS232, RS485, I2C, SPI as well as TTL-IO it fulfills all costumer requirements. Even a POE (Power over Ethernet) supply is available, since all required connections are carried out.

Main features:
- Power supply: 3.3V/300mA, POE Power-Over-Ethernet
- Management: Telnet, Browser, Serial interface
- Upgrade firmware via TFTP and serially
- Supported Protocols: IP, TCP, UDP, FTP, SNMP, Telnet, ICMP, DHCP, DNS, DDNS, ARP, BOOTP, HTTP,HTML, DynDNS
- Ethernet 10/100Mbit RJ45
- Interfaces (TTL) RS232, RS485, I2C, SPI
- Dimensions: (WxD) 20 x 32 mm

	Part No.		Ord. No.
s	XT NANO	TCP/IP <-> RS232, I2C, SPI	59400

XT NANO-XXL

Thanks to its extremely little dimensions of only 20 x 34 mm, the new XT-NANO–XXL module is very well appropriate to be integrated also to very small terminals. A total of two bus systems are made available of each four or five switchable interfaces such as RS232, RS485, I2C, SPI as well as TTL-IO. Even a POE (Power over Ethernet) supply is available since all necessary connections are executed. Lots of functions, e.g. a 4-bit or SPI LCD display as well as the direct connection of the SD card may be directly selected.

Main features:
- Power supply: 3.3V/170mA, POE Power-Over-Ethernet
- Management: Telnet, Browser, Serial interface
- Supported Protocols: IP, TCP, UDP, FTP, TFTP, ICMP, ARP, SNMP, LPR, DHCP, BOOTP, DNS, TELNET, HTML, http, DYNDNS, SMTP, POP3, SYSLOG, SSL (in preparation)
- Ethernet (MDIX)
- Interfaces (TTL) RS232, RS485, I2C, SPI, TTL/IO
- Dimensions: (WxD) 20 x 32 mm

	Part No.		Ord. No.
s	XT NANO-XXL	TCP/IP <-> RS232, I2C, SPI	71079

XT NANO Evaluation kit

The EVA-KIT for the XT-NANO offers all functions as well as hardware options in order to completely try out the XT-NANO / XT-NANO-XXL. Two RS232/RS485 interfaces as well as an SPI display and an SD card holder are available. Also a POE (PowerOverEthernet) module is included in the EVA-KIT. Two additional WIRE-WRAP fields of the contact spacing 2.54 and 2mm. Using the jumpers, it is possible to individually separate or connect each bus of the XT-NANO module. An XT-NANO and the connection plan are also included in the functional scope.

	Part No.	Ord. No.
s	EVA KIT XTNANO	71344

XT Micro Series

XT MICRO-C
The XT-MICRO-C is a small and compact print-server and is easy to use. The XT-MICRO-C is a small plug and integrates every printer with a centronics interface into a network.
- Power supply: 5Volt / ca. 300 mA
- Connection: Ethernet 10/100Mbit RJ45
  1x 36pin centronics Plug
- Protocols: IP,TCP,UDP ,SNMP, ICMP, DHCP, DNS, DDNS, ARP, BOOTP,HTML,HTTP,TELNET ,LPR,IPP
- Functions: PrinterIEEE1284,bidirectional

	Part No.		Ord. No.
o	XT MICRO C	Centronics	71330

XT MICRO-V
The XT-MICRO-V is an external device server or printserver and integrates every hardware with a serial interface like RS232 into a network.
- Power supply: 5 Volt / ca. 300 mA
- Connection:
  Ethernet 10/100Mbit RJ45
  1 x 25pin Sub-D Plug or Jack RS232
- Dimensions: 45 x 48x 14 (mm)
- Protocols: TCP/IP, UDP, FTP, SNMP, Telnet, ICMP, DHCP, DNS, DDNS, ARP, BOOTP, HTTP, IPP, LPR, DynDNS
- Software Emulations: Modem - Emulation, PAD - Emulation, ConnectOnData, AutoConnect, UDP-KeepAlive, DynDNS
- Serial Interface: Speed: 300Baud -115200Baud
  Parity: Odd,Even,Mark,Space,None
  Databits: 7-8Bit
  Signals: TXD, RXD, RTS, CTS, DSR, DTR, DCD, GND

	Part No.		Ord. No.
o	XT MICRO V1	D-Sub Jack	71331
o	XTMICRO V2	D-Sub Plug	71332

ConLine Series

CONLINE-USB
The ConLine-USB is a small and compact print server and is easy to use. The ConLine-USB is a small cable solution and integrates every printer with a usb interface into a network.
- Power supply: 5Volt / ca. 300 mA
- Connection: Ethernet 10/100Mbit RJ45
  USB-B Plug or USB-A Jack
- Protocols: IP, TCP, UDP, SNMP, ICMP, DHCP, DNS, DDNS, ARP, BOOTP, HTML, HTTP, TELNET, LPR, IPP
- Functions: Printer USB1.1 and USB 2.0 compatible , IEEE1284-4,bidirectional

	Part No.		Ord. No.
o	ConLineUSB-B	USB B Plug	71327

CONLINE-V24
The ConLine-V24 is a small and compact device server and is easy to use. The ConLine-V24 is a small cable solution and integrates every hardware with a serial interface like Rs232 into a network.
- Power supply: 5Volt / ca. 300 mA
- Connection: Ethernet 10/100Mbit RJ45
  9pol Sub-D JACK or Plug
- Protocols: TCP/IP, UDP, FTP, SNMP, Telnet, ICMP, DHCP, DNS, DDNS, ARP, BOOTP, HTTP, IPP, LPR, DynDNS
- Software Emulations: Modem - Emulation, PAD - Emulation, ConnectOnData, AutoConnect, UDP-KeepAlive, DynDNS
- Serial Interface: Speed: 300Baud -115200Baud
  Parity: Odd,Even,Mark,Space,None
  Databits:7-8Bit
  Signals: TXD, RXD, RTS, CTS, DSR, DTR, DCD, GND

s - in-stock product   o - on order product