



AnaGate SPI Ethernet / SPI Gateway

Product overview

The AnaGate SPI connects a PC to a SPI bus via the TCP/IP network protocol.

The SPI telegrams are transparently embedded in TCP/IP telegrams to enable communication with any SPI device.

SPI devices can be connected over the Internet or accessed from multiple different PCs over a network.

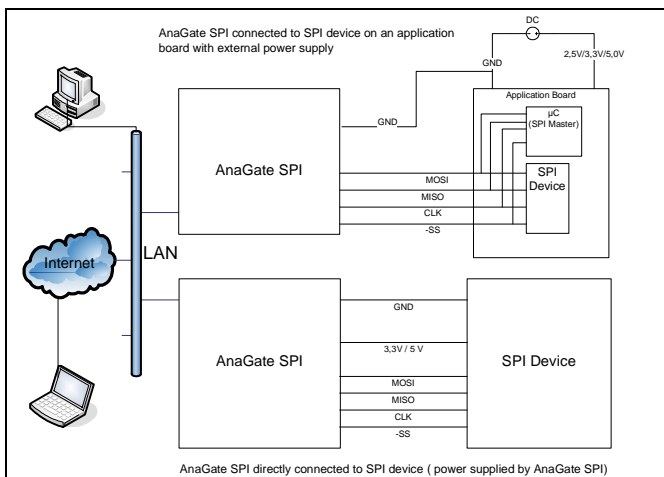
programming serial EEPROMs via the SPI bus, whereby the EEPROM can be addressed either on the finished application board or as an independent device. Very simple can this be done with our in-house solution "SPI EEPROM Programmer".

Software interface

The application protocol is based on the TCP/IP Protocol and described detailed in the documentation.

Thus the access to the AnaGate SPI device can be programmed directly via native calls to the TCP/IP socket interface. This means that any communication partner with a LAN (TCP/IP) interface is able to communicate with the AnaGate SPI.

Accessing the device with the supplied application library (DLL) is much comfortable and can be used with a conventional programming language.



The AnaGate SPI is particularly suitable for



Technical specifications

Measurements:	L x W x H	155 mm x 105 mm x 40 mm
	Weight	ca. 250 g
Power supply	Input voltage	8 ..28 V DC or via power supply (EU, UK, US)
SPI Bus:	Baud rate	100 to 6250 kbps, software configuration
	High-Level CLK/MISO/MOSI/-SS	2,5V/3,3V/5,0V, software configuration
	Interface	1x DB9 Stecker mit CLK, MISO, MOSI, -SS und 5V
LAN Interface:	Baud rate	10/100 Mbps
	TCP/IP	Static or dynamic (DHCP) IP address
	Interface	RJ45 socket
Digital IO:	Inputs	4, galvanic decoupled
	Outputs	4, galvanic decoupled (max. 5mA)
Software:	The SPI bus can easily be accessed using standard programming languages (e.g. VB, C/C++, Delphi) with a DLL supplied with the device. Configuration via web interface. Linux support is available upon request.	

Ordering information

Order number	Scope of delivery
GT-SPI-HW	AnaGate SPI with plug-in power supply unit (230V), CD-Rom with manual, Software-API as a DLL for Windows 2000/XP/2003, SPI EEPROM Programmer for Windows 2000/XP/2003
	XX = EU: plug-in power supply for Europe (230V/50Hz)
	XX = US: plug-in power supply for USA (110V/60Hz)
	XX = UK: plug-in power supply for United Kingdom (230V/50Hz)
	XX = WO: no power supply, incl. 2-pin connector cable for 8-28V DC
GT-SPI-AH	Adapter for mounting on DIN rails