



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.

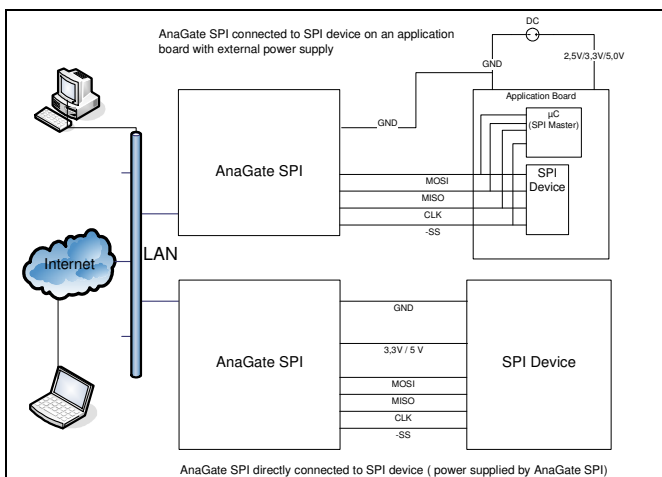
programming serial EEPROMs via the SPI bus, whereby the EEPROM can be addressed either on the finished application board or as an independent device. Very simple can this be done with our in-house solution "SPI EEPROM Programmer".

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 | 9 ..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 7/XP/2003, SPI EEPROM Programmer for Windows 7/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 |