

Single Chip for EtherNet/IP and Modbus TCP



The New Anybus-IC is a complete Ethernet interface on a 32 pin dual in-line housing. It can be inserted into a host product with only a 5 volt 250mA power supply, and an Ethernet connector required to achieve instant connection.

Combining both the SCI & SSC interfaces this chip can send a total max of 144 bytes input & 144 bytes output data. In stand alone mode, no external microprocessor is required and the chip can handle up to 16 bytes input and output signals directly. Alternatively, the chip can be connected via a serial connection to any microprocessor and sends up to 128 bytes of Input and 128 bytes Output data

KEY FEATURES

- Common application interface permitting interchangeability with other networks
- Transparent TCP/IP socket interface
- SCI interface with (Modbus RTU protocol)
- SSC interface for data exchange (data in, data out, clock, load)
- Configuration and monitoring via PC configuration port
- CE marked, UL & cUL pending
- ModbusTCP and or Ethernet/IP, IT functions
- Total Max 144 bytes of I/O data
- Dynamic Web server

TECHNICAL SPECIFICATIONS

Size:	42 mm x 21 mm x 15 mm
Power Supply:	+5V max 250mA
Temperature:	-10 - +70°C
Baud Rate:	10-100 Mbit/s
I/O Input:	SSC+SCI Max 144 bytes
I/O Output:	SSC+SCI Max 144 bytes
Appl Interface:	Shift register for stand-alone. Serial 2-wire for use with an external processor. 2nd serial 2-wire for diagnostics and monitoring
Ethernet Features:	Modbus TCP, EtherNet/IP, + IT functions
Max I/O data SSC int:	16 bytes Input & Output data
Max I/O data SCI int:	128 bytes Input & Output data
Order Code:	AB6003