



The New Anybus-IC is a complete DeviceNet slave interface on a 32 pin dual in-line housing. It can be inserted into a host product with only a 5 volt 85mA power supply, and a DeviceNet connector required to achieve instant connection to the DeviceNet network.

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
■ On-board Opto Couplers and DC/DC converter
■ SCI interface to connect to any microprocessor
■ SSC interface for data exchange in stand alone mode
■ Configuration and monitoring via PC serial configuration port
■ Flash upgradeable
■ DeviceNet 2.0 conformance pending
■ CE certified, UL &cUL pending
■ Total Max 144 bytes of I/O data

TECHNICAL SPECIFICATIONS
<b>Size:</b> 42 mm x 21 mm x 15 mm
<b>Power Supply:</b> +5V max 85mA
<b>Temperature:</b> -10 - +70°C
<b>Baud Rate:</b> 125, 250, 500 kbit/s
<b>I/O Input:</b> SSC+SCI Max 144 bytes
<b>I/O Output:</b> SSC+SCI Max 144 bytes
<b>Appl Interface:</b> Shift register for stand-alone. Serial 2-wire for use with an external processor. 2nd serial 2-wire for diagnostics and monitoring
<b>DeviceNet Features:</b> I/O Slave messaging: Bit strobe, Polling, Cyclic, COS
<b>Max I/O data SSC:</b> 16 bytes Input & Output
<b>Max I/O data SCI:</b> 128 bytes Input & Output
<b>Order Code:</b> AB6001