



PRODUCT DATA SHEET

DEVICENET™ SERVER DEVELOPMENT KIT

Catalog No. 494DS

The RTA DeviceNet Server Development Kit provides developers of products with a tested and reliable base for DeviceNet development. Configured with the novice developer in mind the stack offers the most useful combination of features and capabilities from the Open DeviceNet Developer Association (ODVA) DeviceNet specification. This product provides the source code used in over 5 years of RTA OEM products such as robotic welders, barcode readers, conveyor controllers and I/O devices to developers integrating DeviceNet into their 8 and 16-bit products.

Conforming to the latest release of the ODVA DeviceNet test software the RTA DeviceNet Stack offers the quickest method of moving your product into the fast growing DeviceNet marketplace.

SPECIAL FEATURES

- All standard DeviceNet Objects are supported including:
 - * *Identity Object*
 - * *DeviceNet Object*
 - * *Connection Object*
 - * *Message Router**
- Prototype Application objects are provided including:
 - * *Input Point Objects*
 - * *Output Point Objects*
 - * *Analog Input and Output Objects*
 - * *Assembly Object illustrating assembly of Discrete and Analog into DeviceNet assembly**
- Polled, Change-of-State and Cyclic I/O Connections*
- User-selectable UCMM or Group 2 Only Server Operation*
- Fragmented Explicit and I/O Messaging*
- Easily integrated Vendor Objects using vendor specific object stubs*
- Dipswitch or non-volatile baud rate and Macid support*
- Ack Handler, Hearbeat Message Production*
- Ships with Phillips SJA1000 Can Controller Support – Call for other CAN Controllers*
- DeviceNet Conforming Single and Combo LED Support*
- Fully Compatible with DeviceNet Conformance Release 13*
- 100% “C” based source code*
- “No nonsense” licensing*