

PowerQUICC EtherNet/IP Client/Server Development Kit



Catalog No. 499EC-12

You can now add EtherNet/IP Client communications to your PowerQUICC product quickly and easily with the EtherNet/IP Client development kit from Real Time Automation. Developed specifically for the PowerQUICC Pro Family and easily integrated with either Linux or Greenhills Operating Systems, you can have EtherNet/IP communications in days not weeks, months or years.

The development kit includes everything you need to implement your PowerQUICC Pro EtherNet/IP solution; "no royalty", single task source code, sample objects, an EtherNet/IP Client tool, a ready-to-run sample application, complete documentation and much more.

The RTA EtherNet/IP Client/Server Source Code Stack provides developers of automation products with a tested and reliable base for EtherNet/IP Client development. The RTA Client Server Stack is designed exclusively for the Freescale PowerQUICC II Pro Processors. The Client's small resource footprint, easy to implement application interface and single task operation make it the product that can get you to market fast with the least risk.

When you get the EtherNet/IP Client/Server Development kit you get a product of over 3000 hours of engineering time. Used in everything from PLCs to HMIs and stand alone controllers, this software packages is reliable and thoroughly tested in demanding industrial applications.

SPECIAL FEATURES

- ✓ *Seamless integration with the entire FREESCALE PowerQUICC Pro II Family*
- ✓ *Currently supported for Linux*
- ✓ *Green Hills Implementation under development (call for release information)*
- ✓ *Includes Complete EtherNet/IP Server (RTA Cat# 499ESx)*
- ✓ *Extensive Client/Server Messaging Support including*
- ✓ *Encapsulated Messages*
- ✓ *UCMM Explicit Messaging*
- ✓ *Class 3 Connected Explicit Messaging*
- ✓ *Class 1 Connected Implicit (IO) Messaging (Cyclic I/O Service Only)*
- ✓ *Custom User Object Model (Vendor Specific Services and Objects)*
- ✓ *Multiple Assembly Object Support (pre-compiled configuration of size and instance)*

- ✓ *Support for Input Only I/O Connections (Fixed Number of User defined Connections)*
- ✓ *Support for Listen Only I/O Connections (Unlimited Number Of Connections)*
- ✓ *Supports 2006 ODVA Multicast Addressing Specification Enhancement*
- ✓ *Auto Recovery Processing on failed Ethernet/IP Connection*
- ✓ *Compiler pre-compile option to support 8-bit, 16-bit or 32-bit alignment*
- ✓ *Single Task implementation*
- ✓ *Complete Sample Application*
- ✓ *Easily integrated Vendor Objects using vendor object stubs*
- ✓ *Fully Compatible with EtherNet/IP Conformance Test Suite Version 2.10*
- ✓ *100% "C" based source code*
- ✓ *"No nonsense" licensing*
- ✓ *Extensive 50+ Page Manual*

For More Information and Pricing Contact:

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Note: You can also get support for [Modbus TCP](#) and [Profinet IO](#) on Freescale PowerQUICC.

Real Time Automation, Inc. (RTA) is a member of the Profibus Trade Organization (PTO), a member of the Open DeviceNet Vendor Association (ODVA), Modbus IDA and a Freescale Alliance Partner.

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