ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Tews Technologies TPMC815-11* at our website: ***Click HERE***

The Embedded I/O Company

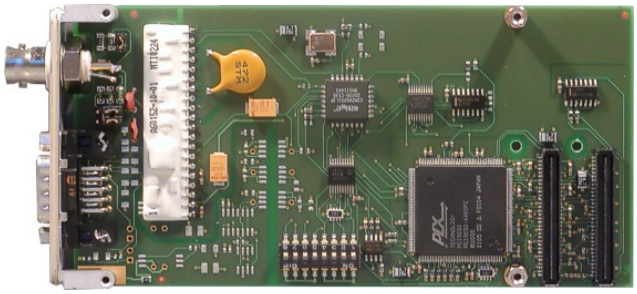
TPMC815 ARCNET Controller

Application Information

The TPMC815 is a standard single-width 32 bit PMC module with a complete ARCNET interface using the controller COM20020. The COM20020 contains the ARCNET controller with transceiver and Dual Port RAM. Various network topologies are supported (Star, Tree, Bus).

Two interface types of the TPMC815 are available. The TPMC815-11x offers the traditional isolated hybrid interface and the TPMC815-21x supports an isolated RS485 differential driver interface.

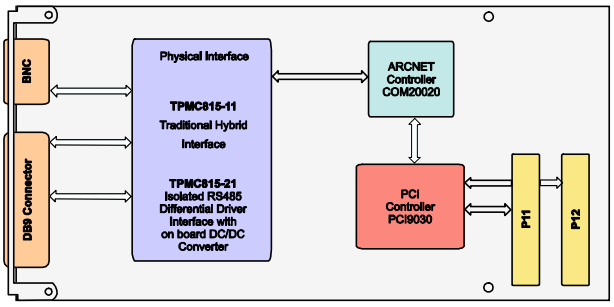
The maximum speed of the TPMC815-11x is 2.5 Mbps. The maximum speed of the TPMC815-21x is 5.0 Mbps. The module is ideal suited for industrial / factory automation and automotive applications.



TPMC815-11R

For First Time Users the Engineering Documentation TPMC815-ED is recommended. The Engineering Documentation includes TPMC815-DOC, schematics and data sheets.

Software support (TDRV007-SW-xx) is available for different operating systems.



Technical Information

- Standard single-width 32 bit PMC module conforming to IEEE P1386.1
- PCI 2.1 compliant interface
- Board size: 149 mm x 74 mm
- ARCNET Interface based on COM20020
- Complete ARCNET controller with transceiver and Dual Port RAM
- Ideal for industrial / factory automation and automotive applications
- Deterministic 2.5 Mbps (TPMC815-11x) or 5 Mbps (TPMC815-21x) Token Passing Protocol
- Improved diagnostics
- Flexible media interface
- Supports various network topologies (star, tree, bus)
- Physical interface
- Traditional hybrid interface (isolated) for long distances
- Isolated RS485 differential driver interface with on board DC/DC converter

Order Information

RoHS Compliant

TPMC815-11R	ARCNET Controller 2.5 Mbps, Traditional Hybrid Interface
TPMC815-21R	ARCNET Controller 5 Mbps, Isolated RS485 Interface

None RoHS Compliant

TPMC815-11	None RoHS compliant version of TPMC815-11R
TPMC815-21	None RoHS compliant version of TPMC815-21R

Documentation

TPMC815-DOC	User Manual
TPMC815-ED	Engineering Documentation, includes TPMC815-DOC

Software

TDRV007-SW-25	Integrity Software Support
TDRV007-SW-42	VxWorks Software Support (Legacy and VxBus-Enabled Software Support)
TDRV007-SW-65	Windows XP/XPE/2000 Software Support
TDRV007-SW-72	LynxOS Software Support
TDRV007-SW-82	LiNUX Software Support
TDRV007-SW-95	QNX 6 Software Support

For other operating systems please contact TEWS.

TEWS TECHNOLOGIES GmbH keeps the right to change technical specification without further notice. 10/2009
All trademarks mentioned are property of their respective owners.

TEWS TECHNOLOGIES GmbH
Am Bahnhof 7 25469 Halstenbek, Germany
Phone: +49 (0) 4101 4058 0 Fax: +49 (0) 4101 4058 19
e-mail: info@tews.com www.tews.com

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP