

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.

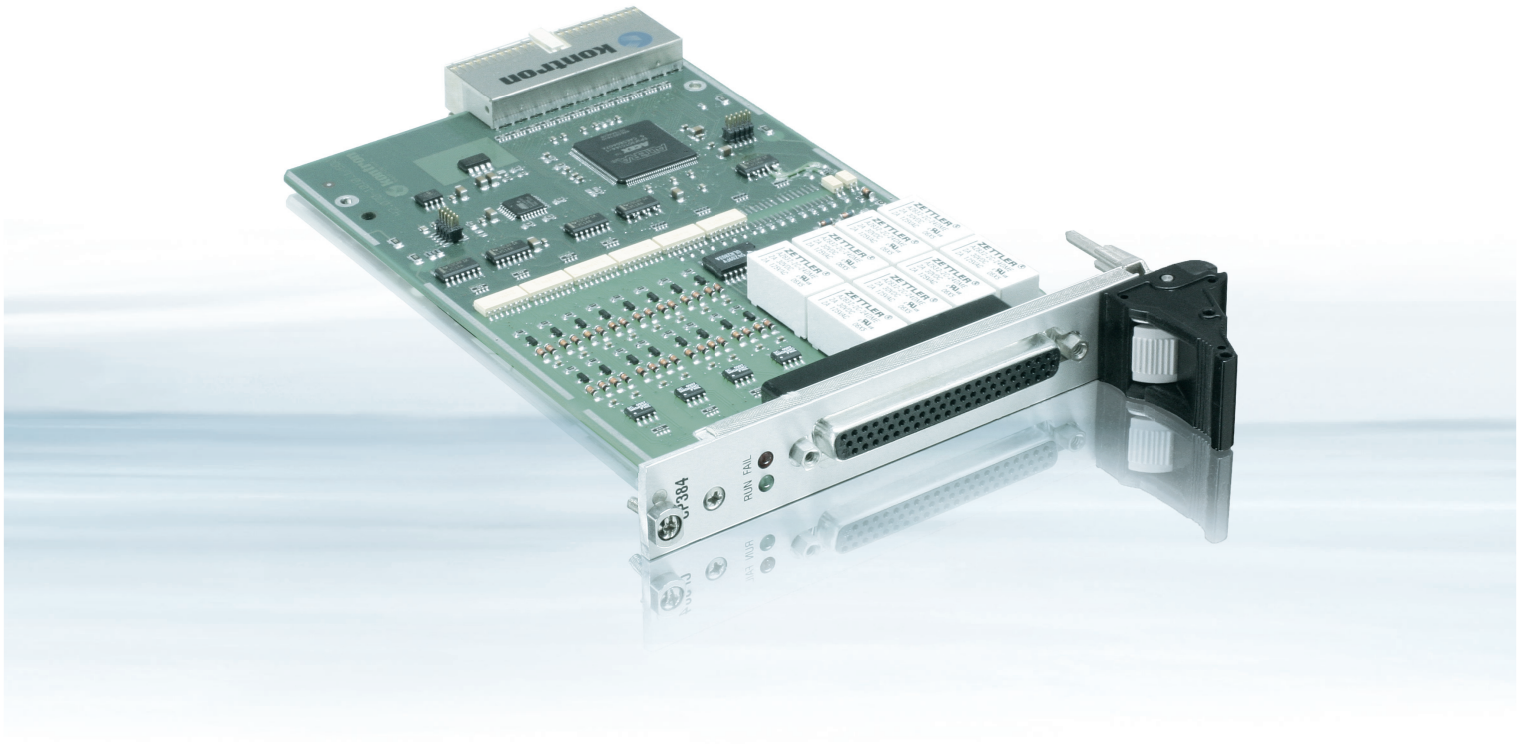
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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

Visit our website - *Click HERE*

CP384



3U DIGITAL-IN/RELAY OUT BOARD

- act efficiently
- stay safe
- live comfortably

POSSIBILITIES START HERE kontron

Applications demanding both digital input nodes and relay output nodes require not only a cost-effective solution, but also ease of implementation. Still offering all necessary features, the CP384 completely fulfills these tasks.

Act Efficiently

Providing the possibility of 16 channels digital in and 8 relay channels, in combination with the ability to work under the toughest conditions (-40°C up to +85°C), the CP384 is the right choice for a wide range of application fields.

Stay Safe

Reliability is indispensable in an application. The CP384 secures the system with quite a few protection features, such as inverse polarity protection on the digital input side. The isolation to the system rounds the security features off.

Live Comfortably

Easy generation of a CompactPCI® I/O application is also very much in demand nowadays. Therefore all I/O nodes are controlled by a unified software API. One node known - all nodes known. Simple connectivity is provided by offering accessories such as a cable, or an adapterbox.

TECHNICAL INFORMATION

COMPACT PCI® INTERFACE		PCI Target Interface with FPGA, PICMG 2.0 Rev. 3.0 compliant, 32 Bit Address/ data/33 MHz, 1 BAR, 64 KB memory space, non-prefetchable, Universal signaling voltage (3.3 V), Serial EEPROM interface
DIGITAL INPUTS	NUMBER OF CHANNELS INPUT VOLTAGE RANGE INPUT CURRENT INPUT PROTECTION (ESD) INPUT IMPEDANCE INPUT FILTER DEBOUNCING MISCELLANEOUS	16 Low: -3V .. +5V / High: +11V .. +30V max. 5mA 8 kV min.: 1,5 KΩ / max.: 6 KΩ @ 30V 10 kHz (edge frequenzy) Programmable Inverse Polarity Protection, Event Detection, Input Capture and Compare
DIGITAL OUTPUTS	NUMBER OF CHANNELS OUTPUT CURRENT MAX. CONTACT RESISTANCE SWITCH DELAY SUPPLY UTILITY SIGNALS	8 Relay contact / max. 2A per channel < 50 mΩ ON/OFF: 3 ms / 2ms max. 30 VDC Reset (low active), Diagnose (low active)
SOFTWARE SUPPORT		Windows® 2000, Windows® XP, Windows® XP embedded, VxWorks®, Linux®
COMMON	ISOLATION DIMENSIONS TEMPERATURE RANGE CLIMATIC HUMIDITY WEIGHT MTBF	2kV to system 100 mm x 160 mm (3U card size) 0°C to +60°C (standard) / -40°C to +85°C (extended) / -40°C to +115°C (storage) non-condensing 93% at 40°C acc. to IEC 60068-2-78 210 g MTBF 279173 h acc. to MIL-HDBK-217 FN2, Ground Benign, controlled at 30°C

ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
CP384	29203	16 channels digital in, 8 channels relay out
CP-ADAP-IO	25736	Cable and box for CPCI I/O products, 62 pin DSUB on 62 single channels
KIT-CP384 [1]	33504	Windows®2000 and Windows®XP Board Support Package, CP384 User's Manual
VXW-DRV-CP384	36124	VxWorks®6.x Driver, CP384 User's Manual
LIN-DRV-CP384 [1]	35239	Linux® Driver, CP384 User's Manual

1) Free of charge downloadable from the Internet

CORPORATE OFFICES

EUROPE, MIDDLE EAST & AFRICA

Lise-Meitner-Str. 3-5
86156 Augsburg
Germany
Tel.: + 49 821 4086 0
Fax: + 49 821 4086 111
info@kontron.com

NORTH AMERICA

14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: + 1 888 294 4558
Fax: + 1 858 677 0898
info@us.kontron.com

ASIA PACIFIC

1~2F, 10 Building, No. 8 Liangshuihe 2nd Street,
Economical & Technological Development Zone,
Beijing, 100176, P.R.China
Tel.: +86 10 63751188
Fax: +86 10 83682438
info@kontron.cn

Copyright © 2015 Kontron AG. All rights reserved. All data is for information purposes only and not guaranteed for legal purposes. Information has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. Kontron and the Kontron logo and all other trademarks or registered trademarks are the property of their respective owners and are recognized. Specifications are subject to change without notice. CP384-20150723-WMH

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