



<http://www.protokraft.com>

Neptune M28876 Ethernet Media Converters

Protokraft today announced the availability of its *Neptune* Series of M28876 Fast or Gigabit Ethernet media converter solutions that improve optical network performance and reliability in harsh environment applications. Protokraft offers a complete family of M28876 based Ethernet media converters for naval optical networks. Protokraft has introduced the *Neptune* Series of Ethernet Optical Media Converters with M28876 optical interfaces, designed for naval, military, industrial or utility applications where significant levels of shock, vibration and extreme temperature ranges are experienced. These components integrate the functions of optical transmitters and receivers into the shell of a standard M28876 optical connector along with the Ethernet media conversion circuits. These components are intended for use in outdoor applications where small size, weight reduction and resistance to harsh environments are valued. Protokraft's new Neptune Series Ethernet Optical Media Converters support both Fast or Gigabit and multimode or single mode fiber optic links. All versions are fully compliant with the applicable IEEE or Mil requirements. Protokraft Neptune series fiber optic Ethernet media converters consist of optoelectronic transmitter and receiver functions integrated along with the 10/100Base-TX to 100Base-FX or 1000Base-T to 1000Base-LX or SX Ethernet optical media conversion circuitry into an environmentally sealed unit with an M28876 optical interface.



<http://www.ddc-web.com>

DDC Introduces 2 Channel MIL-STD-1553 ExpressCard for Portable Applications!

Data Device Corporation (DDC) introduces its new MIL-STD-1553 BU-67101Q AceXtreme™ ExpressCard, which turns any modern laptop or portable platform into a powerful data bus analysis tool. The BU-67101Q is designed around DDC's next generation AceXtreme 1553 Core, featuring advanced 1553 functionality, leveraged by DDC's unparalleled history of MIL-STD-1553 experience, support, and dependability. The BU-67101Q ExpressCard offers up to two dual redundant MIL-STD-1553 Channels, two user-programmable Digital Discrete I/O, and two user-programmable Avionics Discrete (+35V) I/O. Utilizing the ExpressCard/54 form factor, the card is a perfect fit for laptop and portable applications. Each 1553 channel can emulate a Bus Controller (BC), or 1-31 Remote Terminals (RTs), combined with a powerful independent Bus Monitor (MT). Included with the card is DDC's Common 1553 AceXtreme Software Development Kit, which increases productivity by enabling Test and Embedded designs to reuse all Application source code. And when combined with the optional BusTrACEr 1553 Monitor/Generator software package, programs can be created in minutes utilizing the application's one-click automated source code generation.

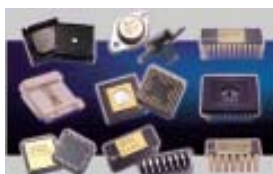


<http://www.tekmicro.com>

The leader in FPGA-based Sensor I/O Processing

TEK Microsystems, Inc., was founded in 1981 and is headquartered in Chelmsford, Massachusetts. Key customers include defense contractors such as Raytheon, Northrop Grumman, Lockheed Martin, General Dynamics, Thales, BAE, and several government research organizations in the U.S. and abroad. TEK Microsystems, Inc. designs, manufactures and markets a wide range of advanced high-performance FPGA based sensor I/O processing products for embedded real-time computing systems. The comprehensive product line includes advanced ADC/DAC interfaces, complete data acquisition and data recording/storage systems, digital I/O XMC/PMC modules as well as advanced signal processing systems. These products are used in real-time systems designed for data acquisition, instrumentation, control systems and signal processing in customer applications such as reconnaissance, signals intelligence, satellite telemetry, mine detection, medical imaging, radar, sonar, semiconductor inspection and seismic research.

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For a quarter of a century, Force Technologies Ltd. has dealt with obsolete semiconductors and over the years, we have developed a global client base across many specialist sectors. Since beginning production in 1995, we have expanded our product set; we now offer Memory, Linear, Logic product, FPGA conversions & custom modules. Force Technologies has become a truly global company; our assured innovation, re-creation, manufacture & test offers a cost effective solution to obsolete semiconductors.

<http://www.forcetechnologies.co.uk>