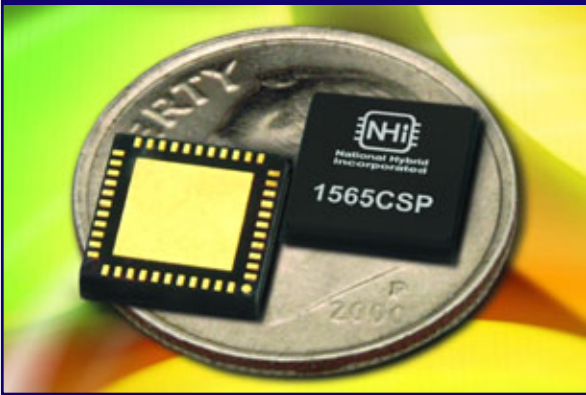


National Hybrid Inc. Introduces the Smallest Available Dual 1553 Data Bus Transceiver



National Hybrid Inc (NHi), a division of API Nanotronics (NASDAQ OTC APIO.OB) is pleased to introduce the only fully compliant 1553/1760 data-bus transceiver in a 7mm package. The foot-print of 7mm x 7mm x 2mm is significantly smaller than 1553 transceivers in a standard 20 pin package. NHi-1565CSP and the NHi- 15LV65CSP dual transceivers are available in +3.3V or +5V versions. Offering superior noise performance. These devices are designed to be an alternative to the Holt HI-1565/1566.

Each receiver converts the 1553 Manchester encoded bi-phase data to complementary Rx and Rx_L TTL digital outputs. The dual 1553 data-bus transceiver also provides a 'receiver enable' for each channel.

Each transmitter converts TTL Data to analog bi-phase Manchester data. A coupling transformer is used to provide the proper analog signal levels to the 1553 bus or stub. The device provides an independent transmitter inhibit for each channel.

For further information please visit NHi's website at: www.nationalhybrid.com or contact National Hybrid Inc.:
Tele: 631-981-2400

1553/USB Pocket Pal™



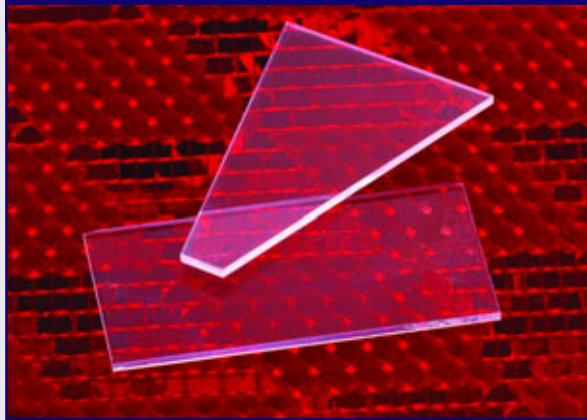
National Hybrid Inc. (NHi) a division of API Nanotronics has developed an affordable, portable 1553 to USB interface.

NHi's 1553/USB Pocket Pal is a redundant 1553 BC/MT/RT Terminal with 64K words of internal ram. It interfaces to a 2.0 compliant USB port, making your Laptop/Notebook an autonomous 1553 Work Station. Weighing less than 7 oz., and small enough to fit within your shirt pocket allows the user to take this 1553 USB anywhere.

NHi's 1553/USB Pocket Pal features include: Hardware and Software development, Bus Exercisor, Bus Evaluation and Trouble Shooting. BUS management and BUS integrity analysis are also key applications for the Pocket Pal.

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Tele: 631-981-2400

NanoOpto Deep UV Polarizer



NanoOpto, a division of API Nanotronics (NASDAQ OTC APIO.OB) introduces a deep UV polarizer using proprietary frequency doubling technology optimized for 266 nm wavelength applications. NanoOpto's patented and proprietary atomic layer deposition (ALD) coating and

etching processes create the best performing UV Polarizers available today. These non-metallic wire grid polarizers on fused silica substrates have a wavelength range of 250-280 nm, Transmission >60% @ 266 nm, Extinction Ratio >22dB @ 266 nm, angle of incidence 0° + 15° and input polarization of 0°/45° + 1°.

They are offered with a surface quality of zero particles over 100 µm standard and with zero particles over 40 µm as a premium product. The UV polarizers can be diced into any size to meet specific requirements. Additionally NanoOpto's unique ALD process allows for the production of custom UV Polarizers on domes, tubes and other 3D shapes. Please contact NanoOpto for custom specifications

NanoOpto's UV Polarizers are currently used in UV Photolithography, Excimer Laser, UV light sources and Metrology applications.

For further information please contact: Thomas Tombler, PhD, 732-627-0808 ext 2295, Email: ttombler@nanoopto.com or visit NanoOpto's website at: www.nanoopto.com

Break the Sole Source Bonds
The Key to Your Freedom is Within Reach



NHi's Aries™ Series is a direct replacement for DDC's Mini-ACE®, with New "Tails Code Key"™ technology for enhancing bus maintenance quality and enhanced frame sequencing. Aries' reliable pick and place ability offers you an affordable solution for demanding military and industrial processor-to-1553 applications.

The Aries™ Series (Advanced Replacement Interface Engine Solution)
Features:

- Fully Integrated MIL-STD-1553 A/B STANAG 3838 Compliant Terminals
- 5 Volt Only Operation
- Fast Access: 4K x 16 or 64K x 16 Shared RAM
- Form Fit and Function Replacement for DDC's Mini-ACE®
- Hardware and Software Compatible with BU-61580 ACE® Series
- Flexible Processor/Memory Interface
- Cost Effective Solution

Data Device Corporation® (DDC), Mini-ACE®, and ACE® are registered trademarks of Data Device Corporation, Bohemia, NY, USA.

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www.nationalhybrid.com



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