



Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

*InstraView*SM REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at www.instraview.com ↗

WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. www.artisanng.com/WeBuyEquipment ↗

LOOKING FOR MORE INFORMATION?

Visit us on the web at www.artisanng.com ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com

Efficient Channel Coding AHA4501 Astro Turbo Product Codec Evaluation Module (EVM)



The Astro EVM is an ISA evaluation board that allows configuration and performance evaluation of the AHA4501 Turbo Product Code Encoder / Decoder. The AHA4501 is a TPC ASIC that has been developed by Advanced Hardware Architectures (AHA), www.aha.com, using ECC developing TPC technology. In the Astro EVM, the data source and sink can be provided by either the host PC or user equipment. For Bit Error Rate (BER) testing, digital noise can be added on the board.

FEATURES :

- Digital Additive White Gaussian Noise (AWGN) generation is provided on the board for performance testing. The Digital AWGN supports variable noise power for E_b/N_0 vs. BER testing.
- Scalable signal level for quantization testing.
- PC-Based GUI Interface for configuration and monitoring.
- "Hardwired" synchronization word insertion and detection. Automatic sync in later version.
- Control and configuration of AHA4501 registers
- FPGA programmed through ISA bus, thus software expandable for future features

OPERATIONAL MODES :

The Astro EVM has the following four modes of operation that allow a variety of test configurations :

- **Mode 1** - High Speed AHA4501 Back-to-Back Test
- **Mode 2** - High Speed Modem Test : Not currently supported.
- **Mode 3** – PC Source/Sink, AHA4501 Encoder and Decoder Test
- **Mode 4** – PC Source/Encoder/Channel , AHA4501 Decoder Test



Astro EVM Photograph

Each EVM package contains an EVM board and a CD that includes all the necessary software, software license, as well as instructions and reference materials related to TPCs. Computer requirements are a PC running Windows® 95/98 or Windows NT® with an open ISA slot. Software upgrades will be provided for a period of at least one year after date of purchase.

For more information and ordering, please contact :

Efficient Channel Coding, Inc.
4512 Renaissance Parkway
Orange, OH 44128

voice : 216.514.9516 • fax : 216.514.9519 • email : tpc@eccincorp.com



Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

*InstraView*SM REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at www.instraview.com ↗

WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. www.artisanng.com/WeBuyEquipment ↗

LOOKING FOR MORE INFORMATION?

Visit us on the web at www.artisanng.com ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com