

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 *ViaSat / Efficient Channel Coding AHA4501* at our website: ***Click HERE***

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

Efficient Channel Coding, Inc.

www.eccincorp.com

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.

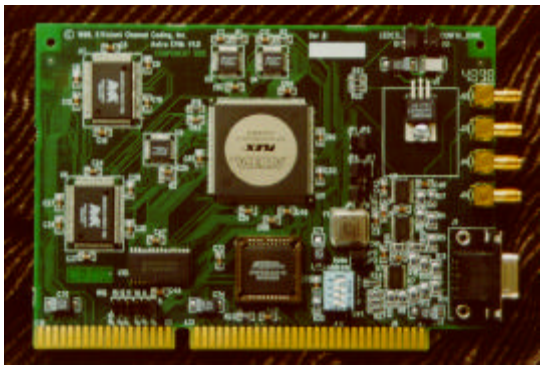
FEATURES :

- Digital Additive White Gaussian Noise (AWGN) generation is provided on the board for performance testing. The Digital AWGN supports variable noise power for Eb/No 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

© 1999 Efficient Channel Coding, Inc.

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