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Find the *Teledyne / LeCroy / Ancot SA-216* at our website: ***Click HERE***

ANCOT DSC-216 SCSI Logic Analyzer

The ANCOT SCSI Bus Analyzer/Emulator, Model DSC-216, is a tool for the development, integration, and repair of SCSI devices. This instrument can monitor and portray on the screen every facet of information about SCSI operation of the monitored SCSI environment. The display format is in plain English for ease of understanding. The DSC-216/FxE can be used as a SCSI Initiator (host) emulator, programmed for manual or automatic testing. Packaged in a small lightweight portable briefcase, it is exceptionally well suited for field applications where portability and high reliability are important.

HIGHLIGHTS

- Passive SCSI-2 FAST 8 WIDE Synchronous/Asynchronous tracing
- Optional SCSI-2 FAST & WIDE Synchronous/Asynchronous Initiator emulation
- Tracing of data transfer rates over 10 MHz.
- Trace memory: 32K events standard, 128K or 512K optional
- REC/ACK recording, all four edges
- Powerful high level triggering capability
- Single-Ended or optional Differential SCSI electrical interface
- Embedded operating system
- Optional C language programming capability for SCSI Initiator emulator

ADDITIONAL SPECIFICATIONS

- SCSI-1 &2, FAST/WIDE Tracer
- SCSI-1 8 bit and SCSI-2/3 8/16 bit support, over 10MHZ transfer rate
- Passive tracer. Only signal changes are stored
- Circular 32K Event Trace memory standard, 128K or 512K options.
- Up to three external signals (from the tested device) can be recorded together with SCSI signals in the trace memory. Input for external clock provided.
- Event time-stamping of over 200 seconds before wrapping around, with 20 nanosecond resolution.
- Display of data count in data phase
- Multiple recording modes including all/skip data, filtering by SCSI ID#, REQ-ACK signal / four edges and SCSI phase changes
- Start - Pause - Stop tracing capabilities
- Powerful multi-level menu selectable triggering includes pre, post, standard, delayed, internal and external modes.
- Connectors for external trigger input or synch output

SCSI-2 FAST/WIDE EMULATION

Models with SCSI emulator use VLSI SCSI controller and function as an initiator with user programmable SCSI ID#. Interactive emulation is controlled from pre-programmed SCSI command set in EEPROM. Support for SCSI-2 FAST & WIDE (16 bit), custom SCSI commands, program macros, various SCSI device types provided.

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OTHER

- Operations configuration selectable through menu-driven software, stored in non-volatile (EEPROM) memory.
- Built-in high quality Electro Luminiscent flat display (80 x 24), and 24 position keypad
- Non volatile 128K event Trace memory 'Mirror' backup module options
- Hard copy capability via parallel I/O port to printer
- RS-232 serial I/O port with selectable baud rate (up to 57.6K baud), data format and parity
- SCSI electrical interface: single-ended (standard), differential (optional)
- SCSI connectors: 50 pin Centronics type, and 50 or 68 pin SCSI-2 high density 'P' type
- Built in SE active SCSI bus terminator
- TRM PWR protected by circuit breaker with automatic reset
- Built-in switching power supply for 110Volt/60Hz, and 220Volt/50Hz operation, AC input is autoranging.

ORDERING INFORMATION

DSC-216/FTE
: 32K Trace Memory, 10MHz tracing 20 ns resolution Time Stamp and built in SCSI Initiator emulator

DSC-216/FDE
: Same as DSC-216/FT except with 128k Trace Memory and built in SCSI Initiator emulator.

DSC-216/FXE
: Same as DSC-216/FT except with 512 Trace Memory and built in SCSI Initiator emulator.

OPTIONS

OP-216TSM
: Non-volatile Trace Memory 'Mirror' module (128K)

OP-SAx
: Single Ended Interface Adapter pod option (included in basic unit)

OP-DAx
: Differential Interface Adapter pod option

OP-UAx
: **Universal Differential and Single Ended Interface pod option.**

OP-CNX
: **68/50/25 connector adapter.**

Warranty: Two Years. Return to factory
Specifications subject to to change without notice.

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