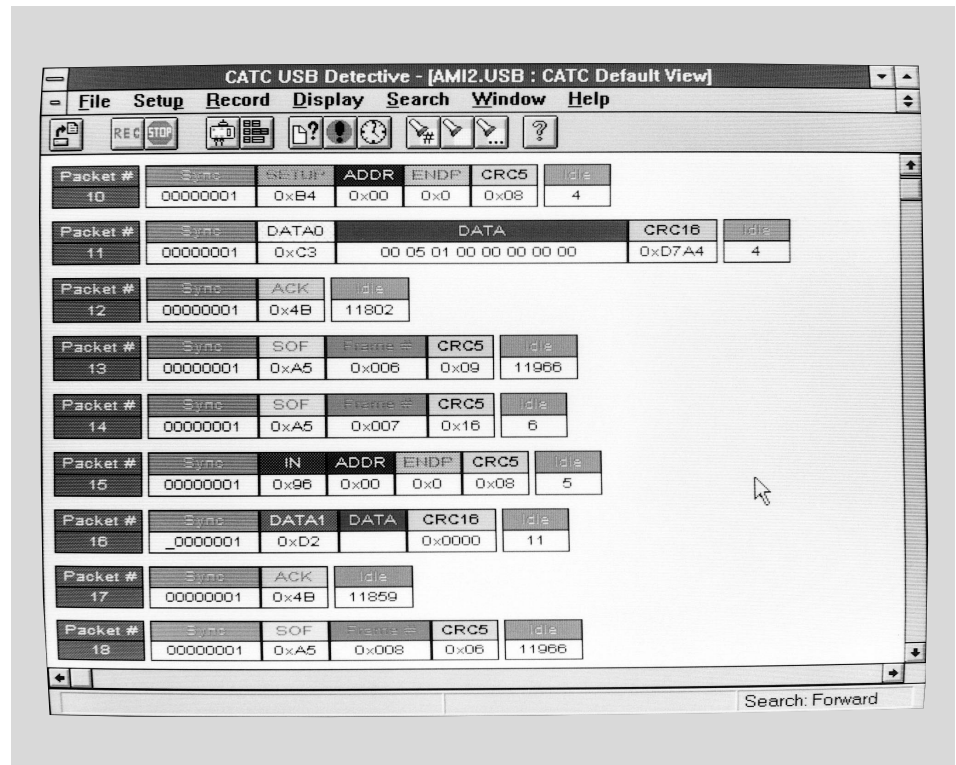# USB Detective Bus/Protocol Analyzer

- PC Based (USB Host or Stand Alone) USB Bus/Protocol Analyzer
- Connects Non-Intrusively to Any Branch of a USB System
- Flexible User-Selected Trigger Mechanism
- Captures 1 MB of Full Speed or Low Speed USB Traffic
- Sophisticated Software Analyzes All Bus Transactions
- Searches For and Highlights Abnormal Bus Conditions
- Easy to Use Windows* '95 and 3.1 Environment
- Includes Bus Timing Information
- Tested for Compliance With the USB Specification
- One Year Warranty and Hot-Line Technical Support

CATC's USB Detective bus/protocol analyzer is an invaluable development and test tool for Universal Serial Bus designers. The USB Detective continuously monitors all bus activities and alerts the user to any abnormal bus conditions in an easy to use menu driven Windows software environment. The USB Detective promotes the development of sound USB devices that thoroughly comply with the USB specification. It simplifies the design process and reduces the time required to develop and test USB components, software and systems.

The USB Detective bus analyzer turns any Intel386™, Intel486™ or Pentium® processor into a USB test station. When connected to any point in a USB network, (via an external probe that provides a non-intrusive connection) the USB Detective continuously monitors all bus activities, samples data with the recovered synchronized clock and stores the resulting bit stream to disk. The Detective records to disk up to 1 Mbyte of full speed or low speed USB traffic. The USB Detective also detects and reports the static bus conditions J, K and SEO.

The USB Detective provides powerful search functions that enable the user to quickly find specified events on the bus. The Detective also searches for and highlights errors such as Bad PID, Undefined PID, Bad CRC, Bad stuffing bits, Missing frames, etc. The software presents the collected data in a variety of function related views and issues various reports, including a detailed summary of errors.

MICROCONTROLLERS SUPPORTED:
82930A

DEVELOPMENT PLATFORMS:
PC (Windows)

AVAILABILITY:
Now

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