

CodeWarrior™ Ethernet TAP

The Ethernet TAP probe uses advanced emulation technology to control your Freescale target system. When combined with CodeWarrior Development tools, the Ethernet TAP speeds the debugging process by letting you interactively control and examine the state of your target system. The CodeWarrior family of software tools, run control devices, and Linux board support packages gives developers a single set of tools that will support you all the way from hardware board bring-up to board support package and device driver development. Of course we have robust support for a variety of Freescale processors, so you can begin your project development as early as possible and know that you're backed up by Freescale's global developer support team.

Features:

Highlights:

- Lets you debug code in cache, ROM, RAM, and flash memory
- Support for Intel, AMD and Sharp flash memory components
- Delivers full control over software running on-target, with minimal intrusion into target system operation
- Fully integrated with CodeWarrior tools and supports all CodeWarrior run-control debug features
- Low voltage target support
- Supports 10/100BaseT Ethernet network connection

Detailed Features

- Supports the following systems: various Freescale Power Architecture® processors, StarCore™ processors, and 56800 Hybrid Controllers
  - Supports all CPU core speeds
  - Supports both big and little-endian byte order
  - Automatically supports target system signal levels from 1.8V to 3.3V
  - Target system probe connections can be made using any one of the debug ports (JTAG/COP, DPI, or OnCE) depending on which Ethernet TAP probe kit you have. The Ethernet TAP probe tip can connect directly to the target, or with an included extension cable. The kit also includes a cable with split leads for those systems without a debug port header.
- The combination of Ethernet TAP and CodeWarrior Development Studio provides:
  - Powerful C/C++ source debugging
  - Debug in ROM, RAM, and flash memory can be conveniently controlled by downloading code, manually modifying processor registers and memory, single stepping through the code, or setting breakpoints
  - Provides high performance development environment
    - Fast single-step execution
    - Capable of download speeds up to 12 MB per minute from host to target system, depending on processor and target design
  - Use software or hardware breakpoints
  - Crash-proof control of the target processor
  - Obtain and modify register contents
  - Display and modify memory
  - Control instruction execution
  - Run/stop/step/reset
- Supports telnet access to your target system's serial port, and lets you interact with your target system's serial port over the network

Benefits:

- **Visibility**–In conjunction with CodeWarrior software tools, the Ethernet TAP makes it possible for a developer to view registers and the current state of target memory. Program execution can be halted at predefined states, and data for a particular program state can be examined.
- **Control**–A target system can be controlled by downloading code, modifying processor registers and memory, single-stepping through code, or setting breakpoints
- Transparency–Debug is virtually indistinguishable from non-debug target execution

Kit Contents:

- The Ethernet TAP probe hardware, which provides visibility into, and control of, your target system and connects to your host computer through a 10BaseT or 100BaseT Ethernet link
- A target system probe tip, which is designed to provide a physical and electrical interface to the target system processor via one of the following connection types: JTAG/COP, DPI, or OnCE

Part Numbers:

CWH-ETP-DPI-HE

CWH-ETP-JTAG-HE

CWH-ETP-STC-HE

Learn More: For current information about Freescale products and documentation, please visit **www.freescale.com**.

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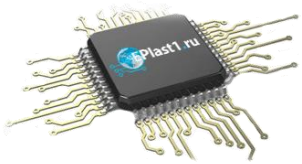
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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