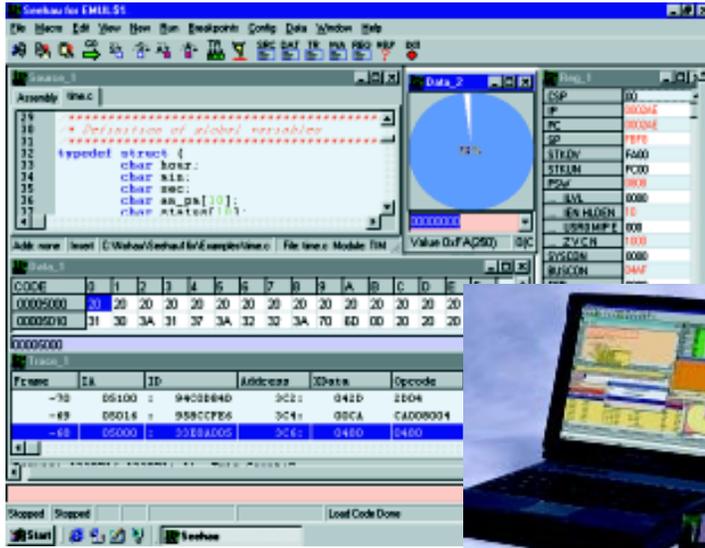


Infineon C500 Support with Nohau In-Circuit Emulators



Key Benefits

- Supports the Infineon C500 family with the EMUL51-PC.
- Enhanced Hooks emulation for internal and external operation.
- Shadow RAM for real-time memory viewing at any CPU speed.
- Up to 50 MHz operation: no special pod tweaking needed.
- New derivatives are supported with personality modules.
- No preprocessing needed on object files: direct compiler load.
- Pods use standard Nohau 8051 emulators. Nohau is the world's largest 8051 emulator supplier. 15,000 emulators sold worldwide.
- Versatile trace buffer options. The Trace is optional.
- Sophisticated conditional triggers detect events.
- Developed and Made in the USA.
- SeeHau and ChipView-x51 user interfaces are supported. Both are advanced HLL debuggers helping you debug faster and easier.

Product Overview

Nohau is the world's largest supplier of 8051 emulators and completely supports the Infineon C500 family. Devices supported include the C501, C502, C503, C504, C505(A), C505C, C505CA, C505L, C508, C515(A), C515C, C517A and the C541U at full processor clock rates. The current Nohau limit is 50 Mhz which exceeds all device speeds available today.

Single Chip and External Modes

Nohau supports the C500 family for both external mode (ROMless) and internal mode (internal ROM) using standard emulation pods and Enhanced Hooks pods. All pods connect to the famous EMUL51 emulator series available with a wide range of Trace options.

The emulation and trace boards can reside in your PC or in the optional High Speed Parallel (HSP) box. Nohau emulators can operate stand-alone allowing debugging before your hardware is completed. Adapters are available in many configurations to easily connect to your target.

Trace and Triggers

There are many trace boards available to suit every budget and technical need. Trace recording is real-time without waitstates. Opcodes, data, addresses, ports and more are recorded in the 96 bit wide trace. The trace and triggers can be configured in real-time. The up to 256K trace memory can be filtered with the triggers.

Shadow RAM

Shadow RAM allows data writes in real-time to be displayed in the Data window. The data can be displayed in many numerical and graphical formats. This data can also be saved to a file.

Running Programs and RTOS Support

You can load and run OMF51, IIEEE695 and other format object files from compilers such as Keil, Tasking, IAR, PLC and Raisonance. You can set breakpoints, run/stop, single step, step over functions, set triggers and trace options and more. SeeHau can display RTOS modules from commercial and "home-brewed" RTOSs.

Technical Support

Technical support is important, and Nohau support is legendary. Your local representative provides front line support with fast backup from the factory design engineers in California.

Visit the Nohau web site or contact Nohau for the name of your local Nohau representative.

www.nohau.com



Cut Development Time

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