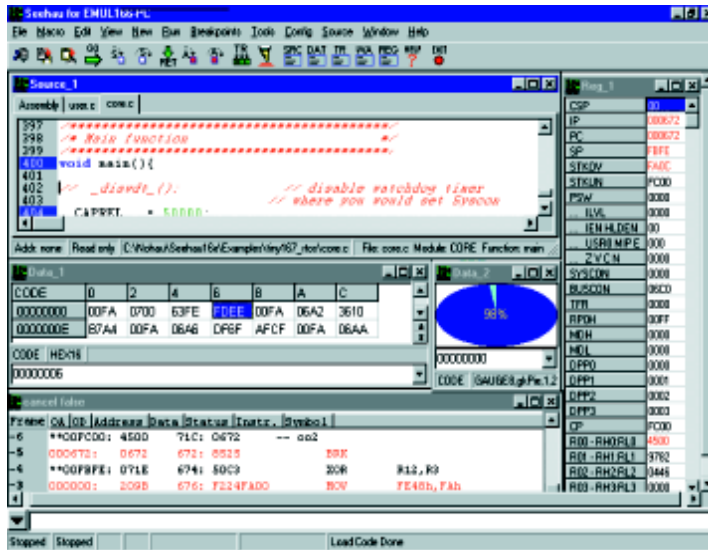# EMUL166-PC
In-Circuit Emulator

Key Benefits

- Supports the entire Infineon (Siemens) C166 and ST Microelectronic ST10 families.
- To 33 MHz real-time operation. (80 MHz with EMULST10)
- E2 bondout chip used for transparent RAM or ROM emulation.
- Compact two board advanced design. This portable, handheld emulator goes anywhere your laptop can.
- Connects through ISA card or LPT*x* port.
- Shadow RAM for real-time memory viewing at any clock speed.
- Trace and triggers are viewed and modified in real-time & "on-the-fly". No CPU cycles are stolen for these operations.
- Optional Trace board can be added later.
- Emulation memory granulation is 2 bytes. 256K and 1 Mbyte.
- Developed and Made in the USA.
- Seehau 32 Bit GUI: Windows 95/98/NT.
- Sophisticated conditional triggers find specified events quickly.

Product Description

Nohau refines its C166 family offerings with two new emulators. The advanced EMUL166-PC increases emulation speed to 33 MHz. For higher speeds, investigate the Nohau EMUL-ST10-PC which boosts emulation to a remarkable 80 MHz ! Only Nohau offers such high emulation speeds for the C166 family.

The EMUL166 uses a compact two-board design for decreased weight. One board contains the bondout controller, adapter connections and support logic. The second board is the optional Trace Memory which includes Shadow RAM and Triggers. The latest in CPLD devices and bondout controller technology is used to decrease parts count while increasing performance.

Nohau C166 emulators are true real-time performers. Your code is not slowed down by incessant cycle stealing from the bondout chip.

Trace Memory and Triggers (optional)

The trace memory and triggers can be configured and viewed without intrusion into real-time emulation. The triggers are versatile, yet easy to configure and modify: and in real-time.

Full pipeline decoding ensures only executed instructions and data read/writes are captured as such and no false triggering occurs.

Breakpoints, Shadow RAM and Real-time

Unlimited hardware and software breakpoints are offered and the Shadow RAM allows viewing memory contents in real-time, at any CPU speed. The Shadow RAM can be displayed in numerical and graphical formats in the Data window(s)

Devices Supported

C161xx, C163, C164CI, C165, C167/CR/CS/SR, ST10F167/168, ST10R165, ST10R163, ST10262 plus many more. New derivatives will be supported with economical daughter boards.

Internal and External Modes: Emulation Memory

The bondout controller provide emulation for both ROM and ROMless devices. The internal emulation memory has a granularity of 2 bytes which can map around any peripheral address.

Call Nohau today for your local representative or visit our website at www.nohau.com for further information.

www.nohau.com

Cut Development Time

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