

8x930 Family USB Evaluation Board

- 12 MHz 8x930xx USB Processor
- One Upstream USB Port, Three or Four Downstream USB Ports
- Both Internal/External UARTs/RS232 Ports
- 32k Bytes of External EPROM Includes RISM
- 128k Bytes of External SRAM (Data & Prog)
- ApBUILDER and Software Demos
- Board and Chip User's Manuals, Data Sheet, Line Card, Errata

USB Functionality

The 8x930 Family USB Eval Board is designed to implement the functionality of the popular Universal Serial Bus using the 8xC251 core. The board is designed to function with all members of the 8x930 family including HUB and non-HUB devices.

Memory

The 8x93x USB Eval Board contains 32k bytes of EPROM containing a Reduced Instruction Set Monitor (RISM). It is also equipped with a 128k byte SRAM for use as Program Memory and/or Data Memory. This is in addition to the memory internal to the 8x93xxx chip device.

Two UARTs

Both the internal UART and a 16C550 external UART are provided with RS232 interfaces to a Host PC or other application.

Software Development Environment

Intel ApBUILDER is included along with software demo packages. The demo packages currently include compilers, assemblers and debuggers. The demo packages are subject to change without notice.

Power Supply

The 8x930 Family Eval Board is designed to operate from a single +5 volt regulated supply. FLASH programming is possible by supplying an additional +12 volts. The board is designed to draw less than one amp from the +5 volt supply.

MICROCONTROLLERS
SUPPORTED:
8x930xx and 8x931xx devices

DEVELOPMENT PLATFORMS:
IBM-compatible PC

AVAILABILITY:

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