eZ80 Webserver-i

Development Kit

The eZ80™ Webserver-i Development Kit provides the developer with a complete set of tools for either the evaluation of the eZ80L92 device or the development of a new application.

The kit features two primary boards: the eZ80™ Development Platform and the eZ80™ Webserver-i E-NET Module. In addition, all the necessary hardware, software, and technical documentation are included. This development kit provides designers comprehensive support to begin designing immediately.

Development Platform

The eZ80™ Development Platform has been designed to accept application-specific modules as well as Z8- and eZ80™- based add-on modules. It can operate in stand-alone mode with Flash memory, or interface via the ZPAK II Emulator to a host PC running ZDS II IDE software.
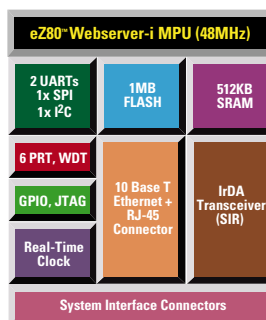
Featuring up to 2MB fast SRAM, the eZ80™ Webserver-i Development Platform has the following major hardware blocks:
- eZ80™ Webserver-i E-NET Module Interface
- Application module interface
- User GPIO latches and LED matrix
- RS-232 serial communications ports
- Embedded modem interface
- I²C devices
- Power connector

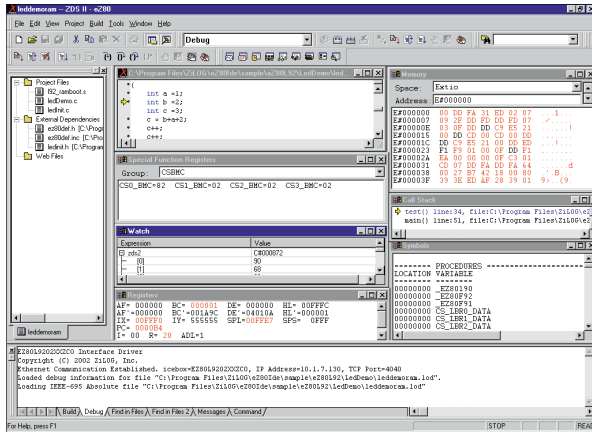## Development Kit Contents

Hardware
- eZ80™ Development Platform
- eZ80™ Webserver-i E-NET Module
- ZPAK II Emulator
- ZDI Target Interface Module
- Ethernet Hub
- Universal Power Supplies
- Cables

Software
- ZDS II Integrated Development Environment (IDE)
- ANSI C-Compiler
- TCP/IP Stack and OS
- Sample Software Projects

Documentation/CD-ROM
- Quick Start Guide
- Development Kit User Manual
- ZDS II User Manual
- ZPAK II User Guide
- eZ80™ CPU User Manual
- Product Specifications
- Product Briefs

eZ80™ Webserver-i E-NET Module

The eZ80™ Webserver-i E-NET module when used as a stand-alone development tool acts as a smaller-sized reference platform. This 10BaseT Ethernet module operates at 48MHz and features 1MB Flash memory, 512KB SRAM, and IrDA transceiver.

eZ80™ Webserver-i E-NET Module Block Diagram

eZ80™ Webserver-i ZDS II GUI

ZPAK II Emulator

ZPAK II is a complete debug package for eZ80™ microprocessors equipped with on-chip emulation support hardware. It serves as a physical link between ZDS II and the target system. This allows users to download code directly to the target system for editing and debugging purposes.

ZDS II IDE

ZiLOG Developer Studio II Integrated Development Environment is a complete suite of software tools that supports development with the eZ80™ family of microprocessors. Combining an easy-to-use Windows-based GUI with multithreading capability, ZDS II provides an environment that simplifies code compilation and development. Included in ZDS II are a language sensitive editor, project manager, compiler, assembler, linker, librarian, and debugger.

C-Compiler

A full version ANSI C-Compiler is included in this kit at no additional cost. It simplifies application software development and reduces time-to-market. The C-compiler supports a powerful configurable optimizer allowing code to be optimized for speed or size.

To order the eZ80™ Webserver-i Development Kit visit ZiLOG on the web at: www.zilog.com

Ordering Information

Device	Part #	Description
eZ80 Webserver-i E-NET Module	eZ80L925048MOD	48MHz Ethernet module with eZ80L92 device, 1MB Flash memory, and 512KB SRAM

ZiLOG Tools	Part #	Description
eZ80 Webserver-i Development Kit	eZ80L920210ZCO	Complete development kit with Ethernet module, C-Compiler, development platform, ZPAK II Emulator, and TCP/IP Stack and OS

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