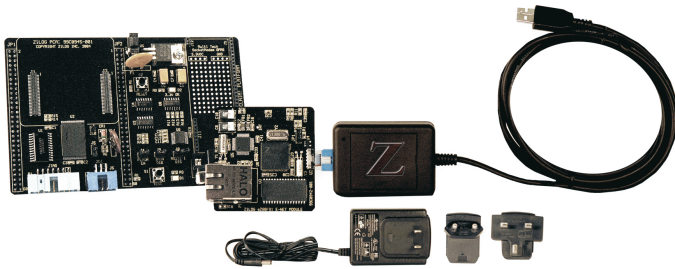
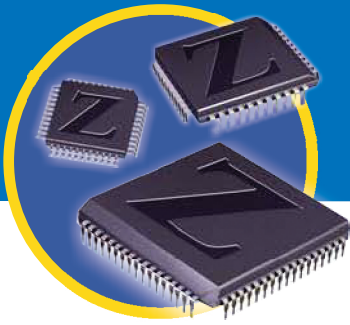


# eZ80Acclaim!® eZ80F91 Modular Development Kit



This kit includes ZiLOG's ZDS II Integrated Development Environment for eZ80Acclaim!® featuring an industry-leading set of tools including a full-feature ANSI C-Compiler, assembler, linker, and source-level debugger.

## OVERVIEW

ZiLOG's eZ80 Acclaim!® eZ80F91 Modular Development Kit provides a general-purpose platform for creating embedded networking designs based on ZiLOG's eZ80F91 microcontroller. The eZ80F91 is a member of ZiLOG's eZ80Acclaim!® product family, which offers on-chip Flash capability.

You will get to market faster with this complete development kit! There's no need to spend precious development time writing your own TCP/IP protocol stack for embedded networking applications. ZTP, ZiLOG's full-feature TCP/IP protocol stack software suite can be downloaded free from our website, [www.zilog.com](http://www.zilog.com). Get the head start you need on building your network-ready applications and download today.

The eZ80F91 Mini Enet module functions as a standalone add-on module for network-enabling any existing systems, and is available separately. Customers with limited design resources can leverage this proven add-on module for rapid prototyping and/or production. The general-purpose Development Platform provides all the I/O signals found on the eZ80F91 microcontroller, and further expansion capability to other ZiLOG application boards.

## KEY HIGHLIGHTS

- A complete development environment for your innovative embedded networking applications using ZiLOG's award-winning eZ80F91 microcontroller.
- Two-board modular development system (MDS) eZ80F91 Mini Enet Module provides Flash memory and ethernet Media Access Controller (EMAC),
- Ethernet PHY, RJ-45 connector, and expansion connectors. Also available separately.
- eZ80Acclaim!® Development Platform provides a footprint for external Flash memory as well as MDS expansion connectors to other ZiLOG application boards.



# eZ80Acclaim!® eZ80F91 Modular Development Kit

## FEATURES

- **eZ80F91 Mini Enet Module:**
  - eZ80F91 MCU operating at 50 MHz, with 256KB of internal Flash memory and 16KB of internal SRAM memory
  - On-chip Ethernet Media Access Controller (EMAC)
  - 128KB of off-chip SRAM memory
  - Ethernet PHY and RJ-45 port
  - Real-Time Clock, battery capable
  - Footprint for an SIR IrDA transceiver
  - Two 56-pin expansion connectors for attachment to the eZ80Acclaim!® Development Platform or end-user system
- **eZ80Acclaim!® Development Platform:**
  - Footprint for 2M x 8 external Flash memory.
  - RS232 connector with interface circuit for on-chip UART.
  - ZDI and JTAG debug connectors
  - Two 56-pin mini-module connectors
  - Two 60-pin interface connectors for connection to other MDS application boards (not supplied)
  - 32-pin header and footprint for a GPRS modem
  - Power 3.3Volt green LED
  - One yellow Test LED and pushbutton
  - 5VDC external power supply
- **USB Smart Cable**
- **ZDS II integrated development environment with full ANSI C-Compiler for the eZ80Acclaim!® microcontroller family and Documentation CD-ROM**
- **Quick Start Guide**
- **Online Application Library**

Order your ZiLOG Development Kits and search the online Application Library at <http://www.zilog.com> to get your applications to market in record time.

eZ80Acclaim!® is a trademark of ZiLOG, Inc. in the United States and in other countries. FL006704-0306

## eZ80F91 Mini Enet Module

128KB SRAM	10/100 Ethernet PHY	RJ-45
RTC	<b>eZ80F91</b>	SIR IrDA Transceiver Footprint
Two 56-Pin Expansion Connectors		

## eZ80Acclaim!® Development Platform

2MB Flash Memory Footprint		
32-pin Header for GPRS Modem	ZDI and JTAG Debug	
RS232 Interface	LEDs	Power Supply
Two 56-pin mini-module connectors		
Two 60-pin connectors for application/development boards		

## Ordering Information

- eZ80F910200KITG - eZ80F91 Modular Development Kit
- eZ80F910300ZCOG - eZ80F91 Development Kit
- eZ80F916005MODG - eZ80F91 Mini Enet Module (included in kit, also sold separately)

For complete software solutions, visit: [www.zilog.com/tools](http://www.zilog.com/tools)

