Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
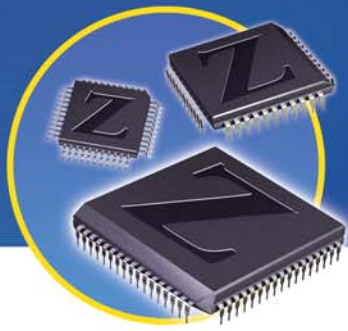

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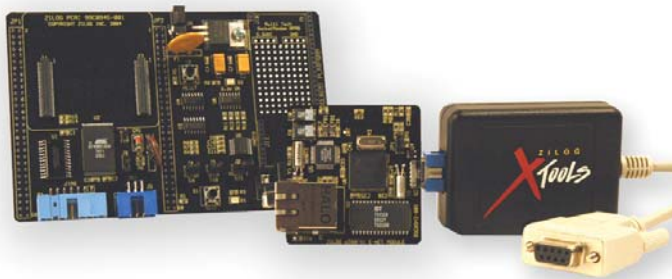Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
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eZ80Acclaim!™ eZ80F91 Modular Development Kit

ZiLOG's eZ80Acclaim!™ 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. The eZ80F91 Modular Development Kit features an eZ80F91 Mini Enet Module and an eZ80Acclaim!™ Development Platform onto which the module mounts.

You'll 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 comes free with the purchase of the development kit. We give you a head start on building your network-ready applications.

While the development kit offers complete functionality during design and debugging of end user applications, 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 resource can leverage this proven add-on module for rapid prototyping 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.

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. No other manufacturers offer such a competitive development kit like ZiLOG's.

OVERVIEW

- 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 footprint for external Flash memory as well as MDS expansion connectors to other ZiLOG application boards.

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
- Serial RS-232 Smart Debug Cable
- ZDS II integrated development environment with full ANSI C Compiler for the eZ80Acclaim!™ microcontroller family and Documentation CD-ROM
- ZiLOG ZTP TCP/IP protocol stack software suite CD-ROM
- User Manuals, Quick Start Guide, and Schematics for the eZ80F91 Mini Enet Module and eZ80Acclaim!™ Development Platform

eZ80F91 Mini Enet Module

128KB SRAM	10/100 Ethernet PHY	RJ-45
RTC	**eZ80F91**	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

eZ80F910100KIT — eZ80F91 Modular Development. Kit

eZ80F915005MOD — eZ80F91 Mini Enet Module (included in kit, also sold separately)

eZ80F910SSLKIT — eZ80Acclaim!™ Embedded Network Security Kit

Order your ZiLOG Development Kits at http://www.zilog.com to get your applications to market in record time.

Z™ ZiLOG