

Kanda

SYSTEMS LTD



Kanda specialises in the development of low cost systems to support the microelectronic industry

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PLD Starter Kit

This comprehensive design kit includes:

- Programmer for Atmel 16V8, 20V8, 22V10 PDIP reprogrammable Flash PLDs
- Professional ZIF socket so that device pins are not damaged during programming
- Training module and Logic Tester to test your completed designs
- Enhanced AtmelCUPL PLD compiler software with on-line tutorial
- Kanda CUPL Automatic Template generator to help generate design descriptions
- Kanda Window Based Programming software Complete training package including applications examples
- Atmel Flash 16V8 Device (estimated 100,000 programming lives)
- PC connection lead
- **FREE** software updates via our website: www.kanda-systems.com
- **FREE** Get Going With... PLDs training book



Stowed neatly in a hard wearing presentation case

This comprehensive package includes everything required to describe your design, simulate and then program your devices. It costs less than traditional PLD development systems and also gives an excellent introduction to using PLDs.

The training is extensive and covers enabling principles such as Boolean logic, CUPL and lots of application examples that can be tested on the training module. Up to speed, the user has a complete development system for PLDs.

Includes everything needed to take a programmable logic design from conception to working design

PLD Device Adapters

To increase the types of devices that can be programmed using the Kanda PLD starter kit and PLD Programmer we can provide the following adapters:

- 28 Pin PLCC Adapter
- 20 Pin PLCC Adapter
- 20 Pin SOIC Adapter

All of the adapters fit into a standard Zero Insertion Force(ZIF) socket.

PLD Programmer

The PLD programmer programs all of the extensive range of Atmel flash 16V8, 20V8 and 22V10 families.

It comes complete with Windows programming software, ZIF socket and in a rugged carrying case.

ATMEL'S BROAD EPLD PRODUCT LINE

Atmel has two major EPLD lines : PAL-type SPLDs and high density CPL particular feature set that may be just right for specific design requirements

Atmel PAL-type Products

The Atmel PAL-type family of products is a modified version of the popular standard **16V8**, **20V8** and **22V10s**. Already in wide use, these versions features such as quarter power, low standby power and zero stand-by power

Support and Updates

All Kanda System products come complete with:

- Technical Support Gold Card
- Free Telephone, Fax and Email Technical Support
- 90 Days warranty after purchase
- Extensive Documentation, including a step-by-step tutorial

The Kanda Systems PLD requires:

- PC: Minimum 386
- Windows 95 or Windows
- 2MB RAM.
- 2MB Hard Disk Space

Technical Information

PC Connection

Connection to PC Parallel Port. Suitable Cable Supplied.

Power Supply Requirements

>9V, 500ma, 3.5mm Barrel Connector. Centre Positive.

Device Programmer

The device programmer has support for the following devices:

- ATF16V8B
- ATF20V8B
- ATF22V10

Kanda AtmelCUPL Interface

Provides an interface to Atmel. Includes template generator for quick setup of the following

- Name \ Part-number
Revision, Design
Company Information
- Pin Name Assignment
- Pin IO Configuration

Also included is an integrated circuit which allows most common editing functions (Cut/Copy/Paste)

ATF16V8 Included Devices

- Industry standard architecture.
- High Speed elements

Package Contents

1 x ATF16V8B
 1 x Device Programmer
 1 x Training Board
 1 x Parallel Connection Board
 1 x Get going with PLD's Book
 AtmelCUPL Software
 Kanda PLD Programming
 Software & Kanda AtmelCUPL
 Interface.

erasable progra
 logic device.

- Advanced Flash Technology

For more information on th
 Please see Atmel's Web Site
 (<http://www.atmel.com>) o
 Demand
 Fax: +1 (408) 441-0732.

Training Board

The training board is suitab
 the supplied ATF16V8B. Po
 required is the same as for
 programmer.

Kanda PLD Programming Software

Windows based programming software.

Programming functions available

- Program
- Erase
- Read
- Verify

Training board contains the

- 7 Segment Dis
- 10 Switches
- 7 LEDs

- Sample code

Part Number	Price	Description	Avai
ATM014	\$200	PLD Starter Kit	EX-S

To purchase any of our products, please visit our [Secure Shop](#) or contac
 Department:

sales@kanda.com
 Tel: +44 (0)1970 621030
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