



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 yesimulate and then program your devices. It costs less than traditional P and also gives an excellent introduction to using PLDs.

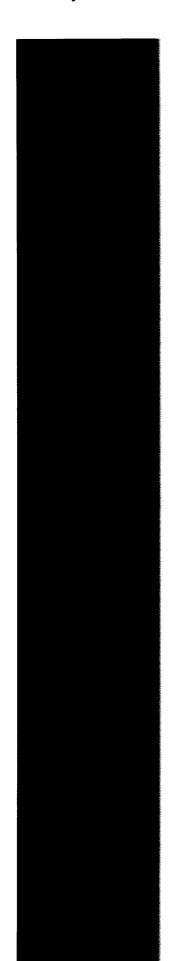
The training is extensive and covers enabling principles such as Boolear CUPL and lots of application examples that can be tested on the training up to speed, the user has a complete development system for PLDs.

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

PLD Device Adapters

To increase the types of devices that can be programmed using the Kar PLD starter kit and PLD Programmer we can provide the following adaptors

- 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 flast 16V8, 20V8 and 22V10 families.

It comes complete with Windows programming software, ZIF socket an 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 requiren

Atmel PAL-type Products

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

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 Windo
- 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 Interf

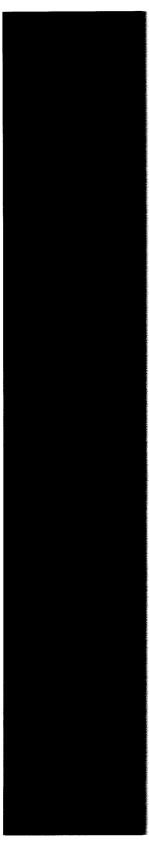
Provides an interface to Atr Includes template generation quick setup of the following

- Name \ Part-nu Revision, Desig Company Infori
- Pin Name Assig
- Pin IO Configur

Also included is an integrat which allows most common editing functions (Cut\Copy

ATF16V8 Included Devic

- Industry standa architecture.
- High Speed ele



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.

Kanda PLD Programming Software

Windows based programming software.

Programming functions available

- Program
- Erase
- Read
- Verify

erasable progra logic device.

 Advanced Flash Technology

For more information on the Please see Atmel's Web Siture (http://www.atmel.com) of Demand

Fax: +1 (408) 441-0732.

Training Board

The training board is suitable the supplied ATF16V8B. Porequired is the same as for programmer.

Training board contains the

- 7 Segment Dist
- 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 <u>Secure Shop</u> or contac Department:

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