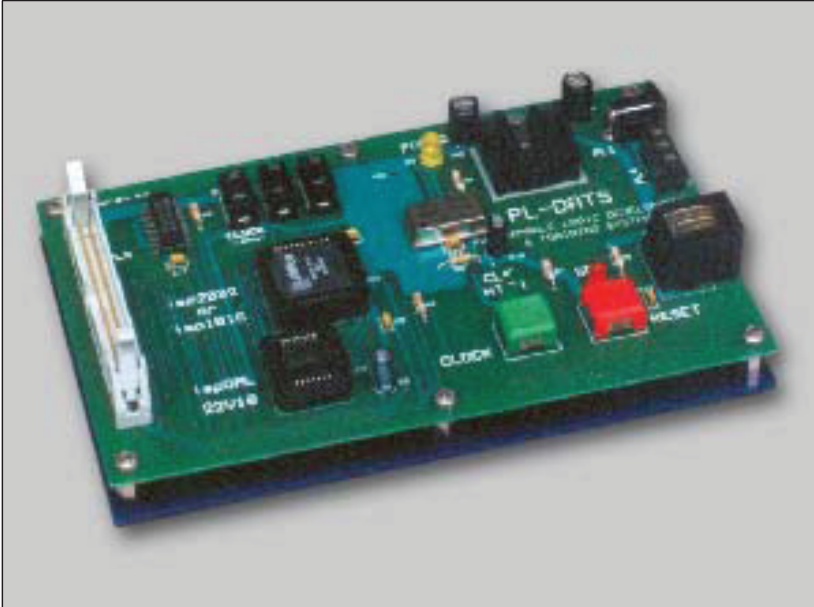


## PL-DATS Programmable Logic Development and Training System

28-107



The Programmable Logic Development and Training system (PL-DATS) has been developed as a low cost solution to the introduction of 'In system' Programmable Logic Device (PLD) programming and application.

Using proprietary, introductory level, PLD development software, programs can be developed on a personal computer. By connecting the PL-DATS hardware to the parallel port of the PC, programs can be downloaded into an 'In-system programmable' (ISP) device. This device can be repeatedly reprogrammed without removal from the hardware.

The PL-DATS is available as a complete system comprising the powerful but easy-to-use LATTICE isp Design Expert Starter Software together with the PL-DATS hardware and Applications Board experiment manual. The PL-DATS hardware is also compatible with the LATTICE isp Design Expert Software pack.

The PL-DATS hardware has an Input/Output connector, which can be linked to an Applications Board 24-200. A comprehensive tutorial in the form of an Experimental manual is supplied with the PL-DATS enabling students to program the PL-DATS on-board PLD to control various functions on the Applications Board.

Alternatively, the 2mm I/O unit can be connected to the Input/Output connector allowing the user access to the I/O for their own applications.

### Development Software

The LATTICE isp Design Expert Starter Software is on CD-ROM, supports Windows 95, 98, XP, NT4 and Windows 2000 and includes:

- **isp encyclopaedia**
- **Applications notes**
- **Design techniques**
- **LATTICE Data book**
- **isp Development and Download software**

### Hardware

The PL-DATS versatile hardware consists of:

- **Hardware module - an open board module 100 x 160mm with a 44 pin PLCC socketed ispLSI2032E - 80LJ, provision for a 28 pin PLCC socket suitable for a ispGAL22v10, power supply socket and regulator components, I/O and isp download cable connectors**
- **Power Supply Unit - mains adaptor style plugs directly into the hardware module**
- **User and Applications board Experiment manual**
- **isp download cable with parallel port adaptor**

### Options

- Applications Board 24-200
- 2mm Input/Output Unit. Order: 9999-01870

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**Feedback**«

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