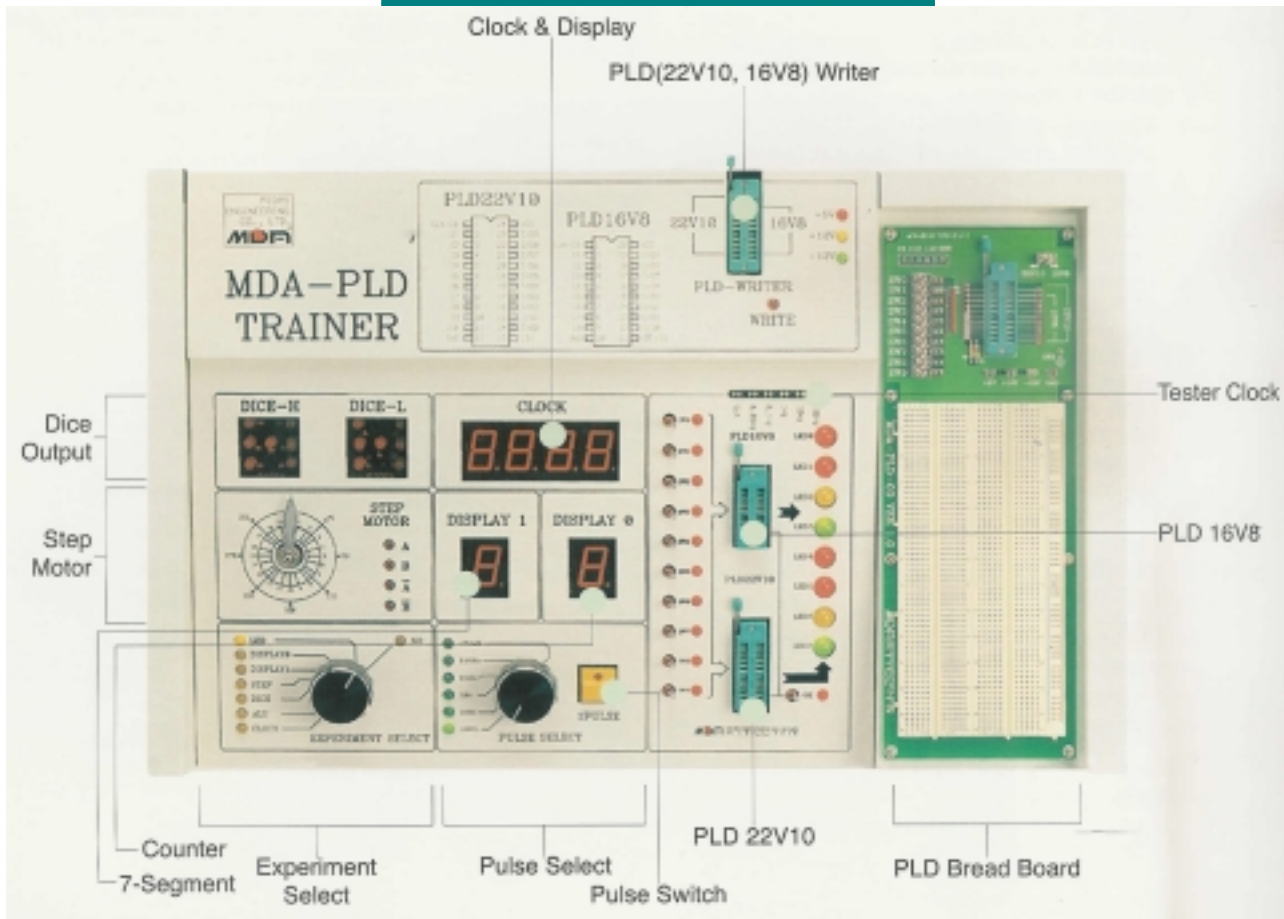


PLD (GAL, PAL) TRAINER

MDA-PLD



■ FEATURE

1. Support a STUDIO-PLD application
 Program on Windows95/98/ME/NT/2000/XP :
 (Included logic designer and simulation program)
 - Read, Write, Verify, and Protect.
 - Simulate the logic that you design on PC.
 - compile PALASM, and create a JEDEC file.
 - Show you a PDS file and FUSE-MAP.
 - Write a JEDEC file which is designed using a suit of computer aided software programs.
2. Write a PLD by RS-232C port on your PC.
3. Reusable PLD which is an electric erasable.
4. Support the continuous pulse for the digital circuit
 - Pulse selector 0.05Hz, 0.1Hz, 1Hz, 10Hz, 100Hz, single
5. +5V,+12V, -12V SMPS(Free Voltage) power.
6. Metal case

Experiment items

- Basic gate
- Flip flop
- Logic
- Hexadecimal counter
- Full adder/subtractor
- Inc./Dec. binary counter
- Multiplier
- Gray counter
- Code converter
- Johnson counter
- 3-state buffer
- Shift register
- Stepping motor control
- 4-bit Adder
- Ring counter
- 38 decoder
- Electronic dice
- Encoder
- Stop Watch
- Multiplexer
- Digital clock
- Data selector
- BCD(binary-coded decimal) converter
- Arithmetic and logic operation
- 3-bit comparator

■ Technical Specification

PLD design program	STUDIO-PLD (logic design / Simulation program for windows)
	Read/Write/Verify/Erase/Project
Target PLD	GAL16V8, GAL22V10 PALCE16V8, PALCE22V10
Textool	24-pin × 1(for writer)
	20-pin × 1(for experiment)
	24-pin × 1(for experiment)
Stepping Motor	+12V, 1.8°(200pulse) LED(5Ø) × 4 for phase
LED	5Ø × 10, 10Ø × 8
LED for dice	5Ø × 14
7-Segment	2-digit × 2(clock), 1-digit × 2(display)
Input Switch	Toggle Switch × 11
Selecting Experiment	Rotary Switch × 1
Single pulse	TACT Switch × 1
Application board	Bread board(20 × 63 holes) × 1
	Textool(24pin) × 1
	Selecting Switch : Toggle Switch × 1
	Experiment Switch : Toggle Switch × 10
	Bread Board(mm) : 93(W) × 266(D)
Power	Input : A.C 85~264V
	Ouput : D.C +5V(3A),+12V(1A),-12V(500mA)
Case Size	476(W) × 81(H) × 300(D)mm
Weight	4.9Kg

■ Accessories

- WinIDE STUDIO-PLD Software CD [Included PAL assembler and example] 1Set
- RS-232C Cable(9-pins) 1ea
- Power Cable 1ea
- User's Manual 1Book

