

PARALLEL PORT Z

40 Pin Universal Programmer



FEATURES:

- Printer Port Interfaces**, parallel communication, uses address 278H,378H,3BCH
- Easy interface to LAPTOP, PC, PS/2 or compatibles
- Mouse support, user friendly menu driven software interface
- High speed programming, Cost effective Hardware and Flexible Software

DEVICE SUPPORT:

Supports more than 1,600 devices, including :

- Most E(E)PROM, Series E(E)PROM. Flash
- GAL, EP3xx/6xx/9xx, PEEL, PALCE, TIBPAL, PLUS, PLS, PLH, PLC, ATV, ATF, CPL, 85Cxxx, 5Cxxx, DS12xx
- Microcontrollers 87xx / 89xx / Z86Exx / TMS320xxx / D77Pxx / D75Pxx/D78Pxx/PD75xxx/HD6370xxx/PIC16Cxx/17Cxx, COP87xx, and PSD3XX

HARDWARE & ELECTRICAL SPECIFICATIONS:

- Device socket : One 40 pin ZIF socket
- Programmer dimensions: 7 3/4" L x 5 1/2" W x 3/4" H
- Power supply : Input AC 100 to 240V , Output : DC 12V/1.5Amp

VPL-PPP

Parallel Port Programmer & Tester

FEATURES

- Parallel port interface** with PC.
- Supports more than 50 manufactures of semiconductors and can expand functions and devices by floppy disk.
- User friendly software with pull-down menus, pop-up dialog boxes and on-line help function
- Programming support for devices, including PROM's, EPROM's, EEPROM's, PLD's and micro-controllers.
- IC test capability for TTL's, CMOS Logic chips and memory devices.
- Can set the parameters, such as programming algorithm, Vpp voltage pulse width, repeated timers, add programming pulse.... and so on.
- 40 Pin ZIF**

Note: Specifications can be changed and added without notice in our constant efforts for improvement.

PARALLEL PORT L+

48 Pin Economical Universal Programmer



FEATURES

- 48 Pin DIP ZIF socket**
- Supports 3,000+ Flash, E/EPROM, MCU and PLD devices
- Connects to a PC via **printer port**
- Tests standard logic and SRAM devices
- Supports DOS and Windows 98/95
- Free software update from internet

SPECIFICATION

- AC adapter: Input 100V- 240V AC, Output 12VDC/2Amp.
- Dimension: 200(L)x140(W)x24(H)mm

DEVICE SUPPORT

- **EPROM/EEPROM/FLASH/SERIAL PROM:** AMD, ATMEL, ATT, CSI, CYPRESS, DALLAS, EXCELL, FUJITSU, GI, HITACHI, HYUNDAI, ICT, INTEL, ISSI, MACRONIX, MICROCHIP, MITSUBISHI, MOTOROLA, NEC, NS, OKI, RICOH, SAMSUNG, SEEQ, SGS, SIGNETICS, SIMTEK, SST, TI, TOSHIBA, UMC, VLSI, WSI, XICOR, XILINK
- **PLD/PAL/GAL/PEEL:** ALTERA, AMD, ATMEL, CYPRESS, EXEL, GOULD, ICT, INTEL, LATTICE, NS, SAMSUNG, SGS, SIGNETICS, TI
- **MCU/MPU:** AMD-875X, ATMEL-89X, HITACHI-HD6370XX, INTEL-875XX, MICROCHIP-PIC16X
- **TTL TESTER:** 74 SERIES
- **CMOS TESTER:** 40/45 SERIES
- **MEMORY TESTER:** 2K/8K/32K STATIC RAM

STANDARD PACKAGE

Main unit (including DIP48 universal adapter). AC Adapter , Parallel Cable, User's Guide and Program CD-ROM.

ADAPTERS (OPTIONAL):

Necessary adapters to accommodate devices larger than 40 pin as well as DIP converts to fit your device in PLCC, LCC, PGA, QFP, SIOC, TSOP... packages