CATALOG
94/95

PAC-DIP32

ALL-07 UNIVERSAL PROGRAMMER & TESTER

PAC-DIP40

GOOD

HI-LO SYSTEMS
ALL-07 UNIVERSAL PROGRAMMER & TESTER

PAC-PLCC44

GOOD

HI-LO SYSTEMS

ALL-07

Universal Programmer & Tester

ˈINTRODUCTION:

The ALL-07 series is HI-LO Systems' fifth generation Universal Programmer and Tester. It is the product of over 7 years of research and development based on our own experience and the unsolicited honest opinions from many of our 60,000 universal programmer users worldwide. The ALL-07 is a PC-based programmer that can be connected to any PC XT/AT/286/386/486 via the standard parallel/printer port. This connection allows a download speed 10 times faster than conventional RS-232C. The power supply is built into the unit allowing direct connection to Notebook or Handbook PC's in addition to desktop systems. The ALL-07's software supports programming and testing of over 3,000 E/EPROM, FLASH PROM, SERIAL PROM, BPROM, IC MEMORY CARDS, PLD, GAL, EPLD, MAX, MACH, MAPL, MPU, TTL 74 series, CMOS 40/45 series, SRAM, and DRAM. An 80 pin industrial connector accepts programming PACs that support devices with 8 pins up to as many as 256 pins in DIP, PLCC, QFP, PGA, SOP, TSOP,... packaging. This connector also supports our special high speed gang PACs which can program 4 or 8 pieces at a time in DIP or PLCC packaging in PC-based or stand-alone modes. Using the latest in pin driver technology 4 or 8 pieces of 27C010 devices can be programmed in about 30 seconds. The external 'YES' key and 'GOOD' LED on the programmer allow one key operation for mass production programming. Our design also provides for full functional vector testing of todays latest PLD/GAL devices including those requiring multiple clock pulses to be applied simultaneously. The ALL-07's advanced architecture eliminates the need for several adapters to program devices with different pinouts in the same packaging. Only one 40 pin DIP PAC is required to program virtually all DIP devices with 8 to 40 pins. Our Universal PLCC-XX PACs can be used to program virtually all PLCC devices with 44, 52, 68... pins. Only one PAC is required for each pin count.

FEATURES:

– Convenient and efficient parallel/printer port connection to any IBM compatible PC, Notebook, or Handbook.
– Built-in 90 VAC-265VAC, 47 HZ-65HZ Universal Power supply.

– a sheet of antistatic electricity sponge on the module to protect sensitive CMOS devices.
– Variable programming PACK choices include: Universal DIP-40 PACK, 4-gang PACK, 8-gang PACK, Universal PLCC-44 PACK,...
– The pin driver expansion connector can be expanded to up to 256 pins to support all of today's and tomorrow's high pin count devices.
– Socket converters for PLCC, PGA, QFP, PQFP, SOP, TSOP,...
* Menu-driven software supporting the following IC's:
  – All EPROM, EEPROM, FLASH EPROM, SERIAL EPROM BPROM
  – All MPU/MCU from AMD, DALLAS, HITACHI, INTEL, MICROCHIP, MOTOROLA, NEC, SGS-THOMSON, PHILIPS, TI, TOSHIBA, WSI, and ZILOG.
  – PAL, GAL, PEEL, EPLD, FPL, MACH, MAX and MAPL
  – IC Tester for 74/54, CMOS 40/45, DRAM and SRAM (SIMM/SIP module available)
  – advanced PLD vector testing of today's fastest PLD's including parts requiring two simultaneous clock inputs.
  – Continuous software updates for new devices.
* Menu-driven functions include:
  – DOS shell
  – HEX/BIN/JEDEC file loading and saving
  – Manufacturer and Type selection
  – Blank check, Read, Program, Security, Auto, and Verify
  – 2-way or 4-way binary file splitter or shuffler
  – Full screen editor allows direct editing of any address on the screen in Binary, ASCII, or Logic Fuse Map format

ORDERING INFORMATION:

ALL-07:
includes ALL-07 main module, printer card, D-25 cable (1-M long), software for all devices supported and user's manual(optional PACK is required to form a complete set e.g. ALL-07 + PAC-DIP40).
ALL-07PC:
all functions are exactly the same as ALL-07, except the power supply is excluded in the module. Its power is supplied from a desk top PC by using a SAC-701 interface card to connect programmer and the slot inside the PC.

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