

LEAPER-48 HANDY UNIVERSAL WRITER



Features:

- High performance, low cost, small, light, portable and professional design
- Uses USB interface to link with PC
- Support low voltage components up to 2.5V user selectable verify voltage
- Support FLASH/EPROM device speedy programming function. Takes 30 seconds to process one piece of 16M bits FLASH memory.
- Universal converters for virtually all devices in one package
- Auto detect and contact check on device pin insertion, powerful graph showing Device situation.

- Device socket 48-pin ZIF socket accepts both 200 - 600 mil DIP devices up to 48 pins
- Standard accessories are; USB cable, Operation software on CD - ROM, DC 12V/2A Adaptor(not supplied)

Supported Devices:

- EPROMs, EEPROMs, FLASH EPROMs, Serial E/EPROMs, NV RAMs, Microcontrollers, DSP, PLDs

Note: Power lead not included

311741

| Mfrs. List No. | Order Code | Price Each |
|----------------|------------|------------|
| LEAPER-48      | 121-6746 ● | 25,196.00  |



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Superpro 3000U



Ultra Fast 48-Pin Stand-Alone and USB interfaced Universal Device Programmer



NEW

Features:

- A fast, low-cost programmer designed to program high-density Flash memory devices at a near theoretical minimum programming time
- User-friendly, powerful software
- Standard universal 48-pin drivers support devices down to 1.5V
- Advanced hardware design minimises ground bounce noise
- Designed for multi-applications with three modes of operation supported - PC hosted operation for R&D and Engineering, Stand-alone operation for manufacturing or service, Terminal mode to operate via an external instrument such as IC handler (Requires optional flash card)
- Over-current and over-voltage protection for safety of the chip and programmer hardware, also pin continuity and wrong chip insertion check to prevent accidental damage
- Optional expansion module for programming devices up to 100-pins

Specifications:

- Devices Supported include - EPROM, EEPROM, FPGA, FLASH Memory, Firmware HUB, Microcontroller, MCU, Standard Logic
- Socket Adaptors Supported include - DIP, PLCC, SOIC, TQFP, SOP, TSSOP, SON etc.
- Compatible with Windows 98/Me/NT/2000/XP via USB connection

382664

|                                     | Mfrs. List No. | Order Code | Price Each |
|-------------------------------------|----------------|------------|------------|
| Universal Device Programmer         | SUPERPRO 3000U | 907-9858 ▲ | 61,709.00  |
| Expansion Module for Superpro 3000U | PEP 3000       | 907-9890 ▲ | 18,316.00  |

Programming Adaptors



479-860    479-871    479-810    479-925

A selection of the most popular adaptors to suit the varied package styles of ICs, these adaptors are generally used when converting from a Dual-In-Line (DIL) to a Surface Mount Device (SMD) style.

A typical example of an application would be to program an EPROM or microcontroller in a PLCC style surface mount package, from a programmer which has only a Dual-In-Line style ZIF socket on board.

The associated programmer to which the adaptor is intended to be used on is listed, this is to ensure compatibility between the parts.

210644

| Mfrs List No.         | Programmer Socket Side | Device Package Side | Specific Programmer Type or Application | Price Each |           |          |
|-----------------------|------------------------|---------------------|---|------------|-----------|----------|
|                       |                        |                     |   | Order Code | 1+        | 10+      |
| LEW08                 | 8 pin DIL              | 8 pin SOIC          | 8 pin SOIC to DIL for PICs              | 698-180    | 6,302.00  | --       |
| LEW14                 | 14 pin DIL             | 14 pin SOIC         | 14 pin SOIC to DIL for PICs             | 113-554    | 6,302.00  | --       |
| MEL-8SOICFR           | 18 pin DIL             | 8 pin SOIC          | EPIC Plus Programmer                    | 116-830    | 5,168.00  | --       |
| MEL-18SOICFR          | 18 pin DIL             | 18 pin SOIC         | EPIC Plus Programmer                    | 116-841    | 5,168.00  | --       |
| LP-PLCC-20PIN(AA001)  | 20 pin DIL             | 20 pin PLCC         | 20-pin PLCC MPU/PLD                     | 767-0184   | 3,389.00  | --       |
| LP-PLCC-20PIN(AA001)  | 20 pin DIL             | 20 pin PLCC         | 20-pin PLCC MPU/PLD                     | 121-6749 ● | 3,366.00  | --       |
| LEW18/28              | 28 pin DIL             | 18/28 SOIC          | 18/28 pin SOIC to DIL for PICs          | 698-179    | 6,846.00  | --       |
| AD67.                 | 28 pin DIL             | 28 pin SOIC         | 18/28 pin PIC Micros                    | 479-871    | 5,734.00  | 5,568.00 |
| AD62.                 | 28 pin DIL             | 32 pin PLCC         | 64K-512K OTP EPROM                      | 479-913    | 8,404.00  | 8,404.00 |
| AD50.                 | 28 pin DIL             | 32 pin PLCC         | 64K-512K OTP EPROM (gang compatible)    | 479-834    | 4,844.00  | 4,350.00 |
| 210845                | 28 pin DIL             | 32 pin PLCC         | Galep-4 Pocket Multiprogrammer          | 120-2538 ● | 11,463.00 | --       |
| AD63.                 | 32 pin DIL             | 32 pin PLCC         | 1M-8M OTP EPROM/FLASH                   | 479-901    | 8,404.00  | 8,404.00 |
| AD51.                 | 32 pin DIL             | 32 pin PLCC         | 1M-8M OTP EPROM (gang compatible)       | 479-810    | 4,844.00  | 4,350.00 |
| LP-SOP-32PIN(AB009).  | 32 pin DIL             | 32 pin SOP          | 32-pin SOP SRAM/EPROM                   | 767-0192   | 3,885.00  | --       |
| LP-SOP-32PIN(AB009)   | 32 pin DIL             | 32 pin SOP          | 32-pin SOP SRAM/EPROM                   | 121-6750 ● | 3,858.00  | --       |
| AD48.                 | 32 pin DIL             | 32 pin TSOP         | FLASH Memory (gang compatible)          | 479-925    | 6,723.00  | 6,618.00 |
| AD48                  | 32 pin DIL             | 32 pin TSOP         | FLASH Memory (gang compatible)          | 121-7295 ● | 6,837.00  | 6,334.00 |
| 210841                | 40 pin DIL             | 44 pin PLCC         | Galep-4 Pocket Multiprogrammer          | 120-2537 ● | 11,463.00 | --       |
| AD44.                 | 40 pin DIL             | 44 pin PLCC         | 16-bit OTP EPROM                        | 479-858    | 8,898.00  | 8,404.00 |
| LP-SOP-44PIN(AB011).  | 44 pin DIL             | 44 pin SOP          | 44-pin SOP MPU/EPROM/FLASH              | 767-0206   | 5,358.00  | --       |
| LP-SOP-44PIN(AB011)   | 44 pin DIL             | 44 pin SOP          | 44-pin SOP MPU/EPROM/FLASH              | 121-6751 ● | 5,006.00  | --       |
| LP-TSOP-48PIN(AE403). | 48 pin DIL             | 48 pin TSOP         | 48-pin TSOP Leaper 48                   | 767-0222   | 7,026.00  | --       |
| LP-TSOP-48PIN(AE403)  | 48 pin DIL             | 48 pin TSOP         | 48-pin TSOP Leaper 48                   | 121-6753 ● | 6,977.00  | --       |
| AD45.                 | 40 pin DIL             | 44 pin PLCC         | 87C51 Family (OTP)                      | 479-860    | 8,898.00  | 8,404.00 |
| PLCC-PROG             | 40 pin DIL             | 44 pin PLCC         | 44 pin PLCC socket module for PICs      | 797-005    | 5,735.00  | --       |
| AC164024              | 40 pin DIL             | 68 pin PLCC         | 68 pin PLCC socket module for PICs      | 306-0809   | 8,333.00  | --       |

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