UNISITE 40

THE UNISITE 40 PROGRAMMER: BECAUSE STATE-OF-THE-ART IS A STATE OF CHANGE.

DATA I/O
THE UNISITE 40 SETS NEW STANDARDS FOR UNIVERSAL DEVICE SUPPORT AND EASE OF USE.

Staying on the leading edge of technology challenges even the most innovative design engineers. You are continually confronted with newer and more complex devices, such as one megabit EPROMs, high pin-count devices including the new 68-pin PLDs, and surface-mount packages. And, the nature of parts is changing as well. For example, programmable ASICs are increasingly used in new design starts.

Data I/O's UniSite 40 sets the new standard for universal device support and programming reliability. It allows you to use the latest technologies and devices in your designs without any additional hardware adapters. Based on a software-configured universal pin driver system and custom hardware, the UniSite 40 programs and tests any device of a given package type in a single site. And there's no compromise in performance or speed. An advanced user interface greatly simplifies set-up and operation. And updates are available on 3½” micro diskettes.

A SINGLE SITE FOR EVERY DEVICE. The UniSite 40 includes manufacturer-approved algorithms and supports every device on one site. A single-socket DIP module supports up to 40-pin devices, including PALs, PROMs, IFLs, FPLAs, EPROMs, EEPROMs, and microcontrollers. And the ChipSite module for surface-mount packages includes six sockets for 20-, 28-, 32-, 44-, 52-, and 68-pin Plastic Leaded Chip Carriers (PLCCs) and Leadless Chip Carriers (LCCs). One Small Outline IC (SOIC) socket supports 20-, 22-, 24-, and 28-pin devices.

CONVENIENT SOFTWARE UPDATES ON DISKETTE. No other programmer is as easy to update as the UniSite 40. As new devices are introduced, Data I/O provides a new master 3½” micro diskette. Simply load it into the disk drive and the UniSite 40 is instantly updated. You can receive regularly scheduled updates through our Software Update Service, or whenever you choose. Either way, you'll never have to interrupt your design flow to add device support.

HIGH-PERFORMANCE HARDWARE SETS NEW SPEED RECORDS. The UniSite 40 is driven by custom ICs, high-speed RAM, and a 16-bit microprocessor which ensures that devices are programmed precisely to manufacturers' specifications at record-breaking speed. The UniSite 40 provides the flexibility of universal device support with the performance of a dedicated programmer. For example, EPROM programming and verification speeds rival any production programmer. And functional logic testing includes full high, low, and tristate speeds 10 times faster than any dedicated logic programmer.

PROGRAMMING RELIABILITY BUILT IN. Several features ensure that the UniSite 40 will deliver maximum yields. Auto-calibration is performed at power-up or by user command. And several automatic device checks are performed to ensure programming integrity.
A SUPERIOR USER INTERFACE SIMPLIFIES SET-UP AND OPERATION. To select your device, simply enter the device number, and the UniSite 40 chooses the correct algorithm from a built-in Data I/O device list, minimizing the chance of input errors. HELP messages offer assistance as you need it. And all menu functions can be quickly selected using the cursor or simple single-keystroke commands.

Parameters for the devices of your choice are saved for instant recall at the touch of a single key. Select the “QuickCopy” Mode, and in one sequence, your master device is automatically duplicated into a blank device.

PROGRAM UP TO EIGHT ONE MEGABIT EPROMS AT ONCE. Add the optional SetSite™ module to transform the UniSite 40 into a high-speed gang or set programmer that supports up to eight devices, including 32-pin and 40-pin one megabit EPROMs. Special features simplify user operation, including a unique “start” lever that engages and disengages programming operations for all devices at once and initiates programming of operations; a multi-colored LED on each socket that verifies operation; and special menus and prompts to guide users throughout programming. SetSite updates are also available on 3½” micro diskettes.

SMART INTERFACES TAKE THE WORK OUT OF SYSTEM SET-UP. Data I/O’s SmartPort™ self-configuring serial interface reduces the need for special cabling or switches to connect the UniSite 40 to your host computer. And with support for 41 I/O protocols and selectable data rates from 300 to 19,200 baud, it can be used with most ASCII terminals. Just connect the UniSite 40 with your terminal, personal computer, or host computer.

DESIGN FREEDOM FOR TOMORROW. When leading-edge designers want to use the latest devices and technologies in their designs, they turn to Data I/O. No other company delivers the freedom to design with any device of your choice. For more than 16 years, we’ve maintained an unmatched track record of device support. And today, the UniSite 40 sets the new standard for universal device support.
**WE SUPPORT OUR PRODUCTS FOR LIFE.** Our customer support programs will deliver on-going service throughout the life of your UniSite 40. With worldwide service centers staffed by specially trained technicians, we offer the most comprehensive support network available from any device programmer manufacturer. When you need assistance, our customer resource engineers are just a phone call away.

### U.S. SALES OFFICES

1-800-247-5700

Dept. 600

Data I/O Corporation

10525 Willows Road N.E.

P. O. Box 97046

Redmond, WA 98073-9746

U.S.A.

* Data I/O is a registered trademark of Data I/O Corporation.

* PAL is a registered trademark of Monolithic Memories, Inc.

* UniSite, ChipSite, SetSite, QuickCopy, and SmartPort are trademarks of Data I/O Corporation.

### INTERNATIONAL SALES OFFICES

**EUROPE**

- **ARGENTINA**
  - Rexcom Electronica
  - 01-701-4462

- **AUSTRALIA** (Adelaide)
  - 08 366-7333
  - 07 275-1766

- **FINLAND** (Instrumentarium Elektroniikka 90)
  - 09-3903431
  - 09-277-7000

- **FRANCE**
  - M.B. Electronique
  - 13 966-131

- **GERMANY**
  - GEMANY FEDERAL REPUBLIC OF
  - Instrumatic Electronic Systems GmbH
  - 089 958-020

- **Greece**
  - Elektronika
  - 01 7249511

- **HONG KONG**
  - Eurotherm (Far East) Ltd.
  - 5-546391

- **INDIA**
  - (Transmarketing Private Ltd.)
  - Bombay:
    - 022 438-885
  - Bangalore:
    - 0812 543-389

- **ISRAEL**
  - Telsys Ltd.
  - 03 494-91

- **ITALY** (Sistrel)
  - Milan:
    - 3-511-189
  - Rome:
    - 06 5040273

- **NETHERLANDS**
  - Simac Elektronica
  - 0800-5406

- **NEW ZEALAND**
  - Warburton Franki
  - 0446-246

### INTERNATIONAL SALES OFFICES AND REPRESENTATIVES

**AUSTRALIA**

- **ARGENTINA**
  - Reycom Electronica
  - 022 922974

- **BELGIUM**
  - Simac Electronica
  - 02 219-444

- **BRAZIL** (Sistrel)
  - Sao Paulo:
    - 01 247-1288
  - Rio de Janeiro:
    - 02 294-1248

- **CHINA** (Torador Company)
  - Beijing:
    - 3-779-0311
  - Shanghai:
    - 020 563-0000

- **DENMARK**
  - ITI Multicomponent
  - 02 466-645

- **FINLAND**
  - Instrumentarium Elektronika
  - 90 294-312

- **FRANCE**
  - M.B. Electronique
  - 13 966-131

- **GERMANY**
  - GEMANY FEDERAL REPUBLIC OF
  - Instrumatic Electronic Systems GmbH
  - 089 958-020

- **GREECE**
  - Elektronika
  - 01 7249511

- **HONG KONG**
  - Eurotherm (Far East) Ltd.
  - 5-546391

- **INDIA** (Transmarketing Private Ltd.)
  - Bombay:
    - 022 438-885
  - Bangalore:
    - 0812 543-389

- **ISRAEL**
  - Telsys Ltd.
  - 03 494-91

- **ITALY** (Sistrel)
  - Milan:
    - 3-511-189
  - Rome:
    - 06 5040273

- **NETHERLANDS**
  - Simac Elektronica
  - 0800-5406

- **NEW ZEALAND**
  - Warburton Franki
  - 0446-246

### NORWAY

- Telexinstrument
  - 02 799490

### PORTUGAL

- Decade
  - 01 4203420

### SINGAPORE/MALAYSIA

- GEA Technology
  - 227-490

### SOUTH AFRICA

- Electronic Building Elements
  - 01 225-6204

### SWITZERLAND

- (Instrumatic)
  - Thalwil.
    - 017 2314410
  - Geneva.
    - 022 360-830

### TAIWAN

- Sertek International
  - 02 501-005

### THAILAND

- Dynamic Supply Engineering.
  - 02 3925313

### UNITED KINGDOM

- Microsystem Services
  - 0436 431661

---

**DATA I/O**