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 PAL®s, 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.

The UniSite 40 is compatible with most ASCII terminals.

Updates provided on convenient 3½" micro diskettes.

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.

The UniSite 40's main menu prompts you one step at a time.

The SetSite module provides by-socket programming information.

State-of-the-art, 16-bit microprocessor for speed and power.

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.

The optional SetSite gang/set programming module programs up to eight devices at once.

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.

Universal pin driver cards include a custom gate array, custom analog chips, and 540 surface-mount devices.

Self-test LD.

RS232C remote and terminal ports (back panel).

SmartPort for easy system interfacing (back panel).

Programmable power supplies and custom hardware flexible enough to support all device technologies.

A single site for PLCCs, LCCs, and SOICs.

128K RAM (1024K RAM optional).

Two 3½" disk drives standard.

A single site for up to 40-pin DIPs.
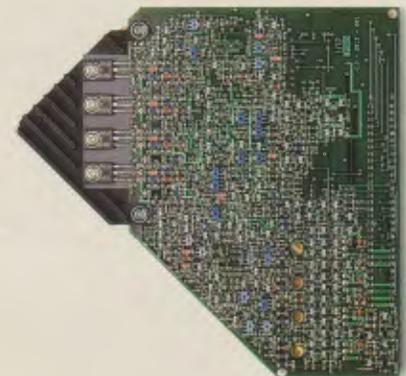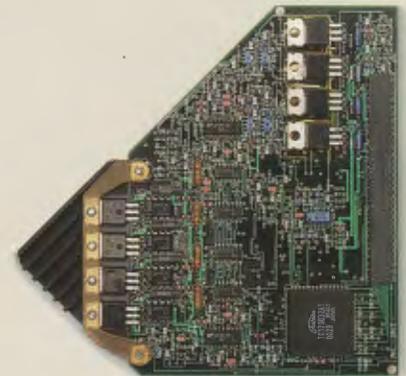
WE SUPPORT OUR PRODUCTS FOR LIFE. Our customer support programs will deliver on-going service throughout the life of your UniSite 40. With worldwide service centers staffed by specially trained technicians, we offer the most comprehensive support network available from any device programmer manufacturer. When you need assistance, our customer resource engineers are just a phone call away.

U.S. SALES OFFICES

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