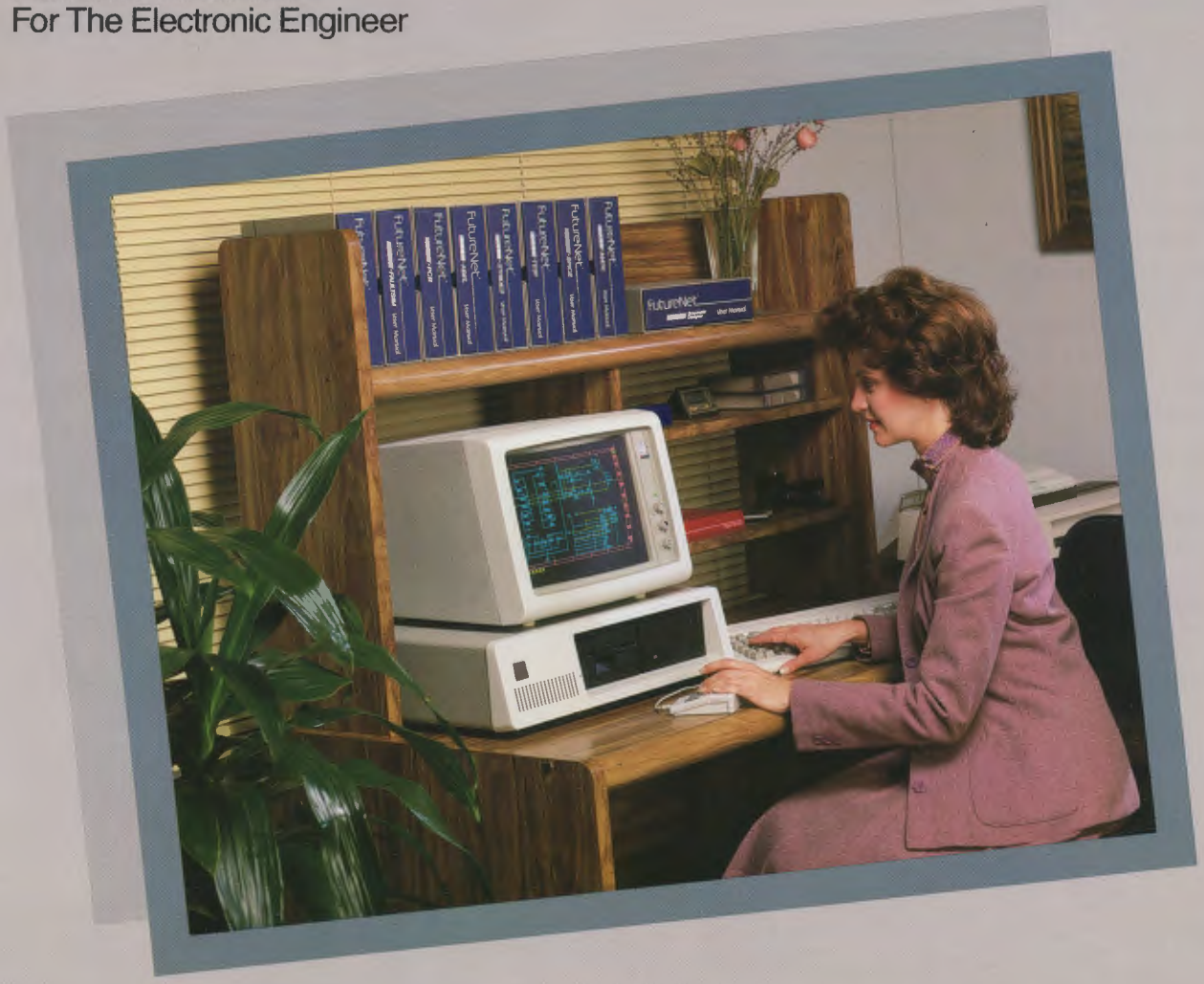
# DASH™-3C

## Full Color Workstation For The Electronic Engineer



### Features

- Adds full color to complete slate of DASH-2 features
- Creates perfect schematics on IBM PC, XT or AT
- Full color display
- Automatically produces Pin Lists, Net Lists, Lists of Materials and Design Check Reports
- Extensive parts library
- Mouse driven enhancements — Tag and Drag, Rubber Banding, Snap, and more
- Compatible with all DASH monochrome data files
- Supports STRIDES 99 level design hierarchy system
- Integrates with other DASH products to provide a complete engineering department right at your desk
- Interfaces with CAD/CAE systems and mainframes

### Schematic Design In Full Color

Now, perfect schematics can be created right at your desk in full color on your IBM PC, XT or AT, and at a fraction of the cost of large CAD/CAE systems.

FutureNet's DASH-3C system captures design data for such key documents as Net Lists, Lists of Materials, and Design Check Reports, setting you free from time-consuming, error-prone manual methods. Even budgets and proposals can be done at your DASH workstation using standard spread sheets and word processing. DASH-3C, which is fully compatible with our DASH-2 monochrome system, integrates with other DASH products to give you a complete engineering department right at your desk, providing design, analysis, verification, layout, interface and test!

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# DASH™-3C

## Extensive Parts Libraries

The extensive DASH symbol libraries on disks are industry's largest, and you can easily expand them as needed. Included are the most used schematic symbols with pinouts and pin functions for the most popular discrete components, microprocessors and support chips from leading semiconductor manufacturers.

## Easy To Learn — Fast To Operate

With a few simple commands you can choose colors for four separate display component groups, or you can use the default colors. You can add, interconnect, delete or change diagrams at will. Self-teaching lessons are included in the DASH-3C owner's manual, plus FutureNet's experienced customer service team is as near as your phone if a question should arise.

## Next Generation Features Included

A complete set of mouse driven features increases the speed and ease of logic and chip design. **Tag and Drag** picks up a symbol, area or field and moves it across the screen while maintaining connections. **Rubber Banding** makes all connecting lines follow at right angles, minimizing clean-up. **Snap** instantly connects the moved area, while **Auto Pan, Window Save, On-line Parts Selection** and **Multi-level Zoom** ensure optimum utility and speed of design.

## 99 Level Hierarchy System

DASH-3C also supports our STRIDES Structured Schematic Editor which sets up a design hierarchy of up to 99 levels, invaluable for VLSI designs. Changes in lower level elements are automatically incorporated throughout the Schematics, Pin Lists, Net Lists and Lists of Materials.

## Color Groups

Four separate display component groups are easily identified by your choice of color:

**Group 1:** Interconnect lines, symbols, symbol cell boundaries, alphanumeric fields and menu text.

**Group 2:** Cursors (except pin cursor), command line, menu headings, area definition, symbol definition instructions, disk directory and library directory.

**Group 3:** MODE status field value, message line, tagged objects, alphanumeric mode insert cursor, symbol definition target lines, fast pan windows, rubber banded lines and direct lines.

**Group 4:** Full scale window, display border, status field headings and values (except MODE value), symbol reference numbers, pin cursor and grid.



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