Printer/plotter produces film overlays for graphics

The V-80F, a multimedia electrostatic printer/plotter from Versatec, produces hard copy on film as well as paper. The unit's film capability allows the production of transparent overlays, overheads, and photocopy masters directly from computer or terminal displays. Copies from storage tube or raster display are produced in less than twenty seconds.

Producing film overlays directly from computer or display terminals permits the integration of several layers of graphics and/or alphaneumricics. Primary applications include printed circuit and mechanical design, geographic plotting, page layout and photocopy masters for publication, scientific analysis, business graphics (overheads, base art for slides, masters for reproduction), computer animation, and other uses calling for computer generated graphics and/or alphaneumricics on transparent, dimensionally stable media.

At one inch per second, the V-80F plots an 11 x 8½-inch page in just over seven seconds, regardless of data complexity. The V-80F also prints 1000 lines per minute. A simultaneous print/plot feature permits intermixing of character annotation and plot data on the same raster scan line, eliminating "cut and paste" operations.

Printing and plotting are performed with 200-points-per-linear-inch resolution, which allows 132-column format across an 11-inch page without reduction.

Interfaces are available for most popular computers and display terminals. Versaplot software can be used to link with existing graphics application packages.

V-80F multimedia printer/plotters are priced from $9950; OEM discounts are available.

Reader Service Number 56

Design system incorporates black-on-white screen

Graphic Horizons’ Graph/Net Computer Integrated Design system is designed for architects, engineers, designers and facility planners, according to the company. The Graph/Net system includes interactive software for layout optimization, drafting, dynamic perspective simulation, and data management; a single-user computer with a high-resolution screen and a fast graphics processor; and a workstation. The system runs on a Three Rivers computer that features 1M byte of memory, 24M bytes of Winchester disk storage, a 16-bit, bit-sliced processor, and a 768 x 1024 pixel black-on-white graphics screen.

A part of the Graph/Net system called Opti/Net lets the designer evaluate alternative bubble and block diagrams against a set of project-specific adjacency criteria.

The complete Graph/Net system sells for $59,265.

Reader Service Number 57

Graphics package offers 260 functions

Ikier Technology, Inc., has announced a graphics package based on George Washington University’s implementation of the Siggraph 1979 Core graphics proposal. The package, called iCORE, has full 2-D and 3-D capabilities with retained segments, thus giving the microsystem builder a complete set of tools for graphics systems development, according to Ikier.

The iCORE package has 260 functions that can be imbedded in an application program. These functions provide the ability to create, view, and store images. Graphic objects are formed with primitive drawing operations, which are lines, markers, polygons, and text defined in world coordinates.

iCORE is available for workstation customers and graphic controller OEMs at $2000 per copy; quantity discounts are also available.

Reader Service Number 58