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The GRAPHICS SYSTEM for the 80's
RDS-3000 Graphics Processor and Raster Display System

If your graphics and imaging applications are demanding, the IKONAS RDS-3000 series is the system that can meet your need. The RDS-3000 offers:

**POWER**
- High Speed Architecture designed for computer graphics and image processing
- Fast 32 bit processor for graphics data generation
- Hardware Matrix Multiplier for 3-D transformations, vector products, and filtering operations
- Real Time Video Processing Module for image processing applications
- Video Input Module for real time "frame grabbing"

**FLEXIBILITY**
- Software selectable 512* or 1024* display format
- Variable frame and line rates: 200-2000 lines/frame
- Pan and scroll in pixel increments, zoom in integer ratios
- Full Window and Viewport Control

**PROGRAMMABILITY**
- Graphics Processor is completely user micro-programmable and executes the highly parallel code needed for real time and near real time applications
- IDL, the IKONAS DISPLAY LANGUAGE, is a high level command language which makes the IKONAS package of standard graphics routines easy to use.

**EXPANDABILITY**
- RDS-3000 components are modular allowing easy expansion of systems
- Small frame buffer systems can be upgraded at a later time by adding processing modules and image memories up to 1024* x 32

IKONAS strives to meet the graphics requirements of advanced, high technology research groups with our standard products or custom design. Call IKONAS for high performance raster graphics equipment.


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