Extending The Frontiers of Performance and Quality

Solutions For A Global Market

Mitsubishi's DRAM strategy addresses the needs of all market segments, from peripheral devices to notebooks to workstations and high-end servers. Manufacturers of broad-market products such as printers, hard disk drives, laptops, notebooks and hand-held devices can choose from Mitsubishi's high-quality line of standard DRAMs. For applications running above the 33MHz threshold, Mitsubishi's 4 Mb and 16 Mb EDO DRAMs establish a new memory standard for engineering workstations, desktop PCs, multimedia, X-terminals, video graphics and set-top boxes.

Manufacturers of mid-range servers running above the 40 to 50 MHz range stand to reap large dividends in terms of design economy, performance and market share with Cache DRAM. Invented by Mitsubishi, Cache DRAM represents a major advance in SRAM cache and main memory integration. In fact, Cache DRAM provides enough bandwidth to implement a unified memory in the system.

Finally, Mitsubishi's evolutionary Synchronous DRAM matches the industry's fastest microprocessors cycle for cycle to provide unprecedented support for high-end servers at speeds up to 150MHz.

3D-RAM: New Dimensions In Video

With Mitsubishi's 3D-RAM, graphics subsystems can deliver up to 10 times the 3-D rendering performance of VRAM-based solutions. Additionally, 3D-RAM's high level of on-chip integration allows for simpler controller designs resulting in lower overall system costs. Among current memory solutions supporting real-time, high-definition graphics, Mitsubishi's 3D-RAM is uniquely positioned to add power and functionality to engineering and graphics workstations without impacting price points.

In addition to engineering and graphics platforms, 3D-RAM gives console and arcade game designers a major price/performance advantage in the hotly contested 3-D gaming market. Other key applications for 3D-RAM include flight simulator systems and PC graphics accelerator chip sets.

Environmental Leadership

In its role as a technology leader and member of the worldwide manufacturing community, Mitsubishi champions the concept of "sustainable development."

To this end, Mitsubishi has eliminated CFCs in the manufacturing processes employed at all of its semi-conductor production facilities and conducts an on-going environmental program that includes industrial waste reduction, energy conservation and recyclable packaging.