**THE ULTIMATE IEEE/S-100 MEMORY WOULD...**

- **BE NONVOLATILE**, holding data for up to eight years with the power off.
- **RUN AT 6MHZ** without wait states.
- **HAVE EXTENDED 24-BIT ADDRESSING** and bank select.
- **HAVE DYNAMICALLY MOVABLE WRITE** protect areas to prevent accidental erasure of programs and critical data.
- **GENERATE POWER-FAIL** interrupts for orderly system shutdown & power failure recovery.

**CMEM**

AVAILABLE NOW FROM DUAL SYSTEMS, the CMEM memory boards combine high-speed CMOS memories with a new 5-8 year lithium battery. The CMEM offers the nonvolatility of an EPROM board while retaining the instant writability of a high-speed read/write RAM. These industrial grade boards are subjected to a 168-hour burn-in and a 1000-cycle power interruption test to insure data retention and the highest degree of reliability possible.

- CMEM-32K, 32K Bytes $695
- CMEM-16K, 16K Bytes $595
- CMEM-8K, 8K Bytes $495

**SIO-4-DMA**

- **FLEXIBLE**—Four RS-232C serial channels, each individually configurable as either DCE or DTE.
- **SOLID AND RELIABLE**—Each board is dynamically burned-in for 168 hours to insure stable performance.

**AND WOULD...**

- **HAVE SOFTWARE PROGRAMMABLE BAUD RATES** of 50 to 38,400 Baud on each channel.
- **INCREASE THROUGHPUT** significantly in multi-user configurations.

The SIO-4-DMA has been field proven in DUAL's System 83, a 68000/UNIX*, multi-user, multi-tasking system.

**SIO-4-DMA** .............. $695

*UNIX is a trademark of Bell Laboratories