



## 54F/74F968 1 Mbit Dynamic RAM Controller

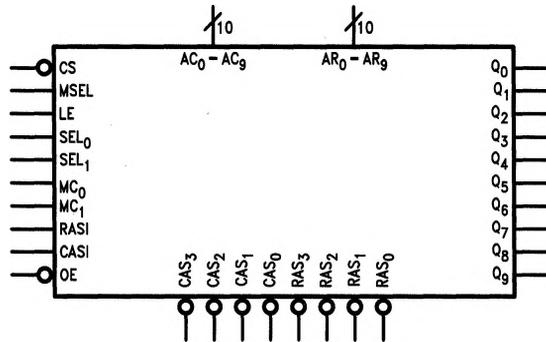
### General Description

The 'F968 is a high performance memory controller, replacing many SSI and MSI devices by grouping several unique functions. It provides two 10-bit address latches and two 10-bit counters for row and column address generation during refresh. A 2-bit bank select latch for row and column address generation during refresh and a 2-bit bank select latch for the two high order address bits are provided to select one of the four RAS and CAS outputs.

### Features

- Provides control for 16K, 64K, 256K or 1 Mbit DRAM systems
- Outputs directly drive up to 88 DRAMs
- Chip select for easy expansion
- Provides memory refresh with error correction mode
- 52-pin plastic leaded chip carrier

### Logic Symbol



TL/F/9604-1