
1M -WORD BY 72-BIT DYNAMIC RAM MODULE FAST PAGE MODE (ECC)

Description

The MC-421000AD72 is a 1 048 576 words by 72 bits dynamic RAM module on which 4 pieces of 16M DRAM (μ PD4218160) and 2 pieces of 4M DRAM (μ PD424400) are assembled.

This module provide high density and large quantities of memory in a small space without utilizing the surface-mounting technology on the printed circuit board.

Decoupling capacitors are mounted on power supply line for noise reduction.

Features

- 1 048 576 words by 72 bits organization
- Fast access and cycle time

Family	Access time (MAX.)	R/W cycle time (MIN.)	Power consumption (MAX.)	
			Active	Standby
MC- 421000AD72-60	60ns	110ns	4.68w	34.2mw (CMOS level)
MC- 421000AD72-70	70ns	130ns	4.26w	
MC- 421000AD72-80	80ns	150ns	3.98w	

- 1 024 refresh cycles/16 ms
- $\overline{\text{CAS}}$ before $\overline{\text{RAS}}$ refresh , $\overline{\text{RAS}}$ only refresh , Hidden refresh.
- 168-pin dual in-line memory module (pin pitch = 1.27 mm)
- Single +5.0V \pm 0.25V power supply