PRODUCT PREVIEW

MOSTEK®

2K x 8 STATIC RAM

MK4802(P/J/N) Series

FEATURES

- ☐ Static operation
- ☐ Organization: 2K x 8 bit RAM JEDEC pinout
- ☐ Pin compatible with Mostek's BYTEWYDE™ memory family
- ☐ Double density version of the MK4118 1K x 8 static RAM
- ☐ 24/28 pin ROM/PROM compatible pin configuration
- ☐ $\overline{CE}$ and $\overline{OE}$ functions facilitate bus control
- ☐ High performance

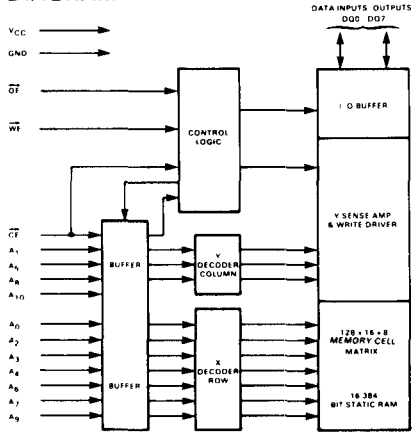
Part No.	Access Time	R/W Cycle Time
MK4802-70	70 nsec	70/80 nsec
MK4802-90	90 nsec	90/100 nsec

DESCRIPTION

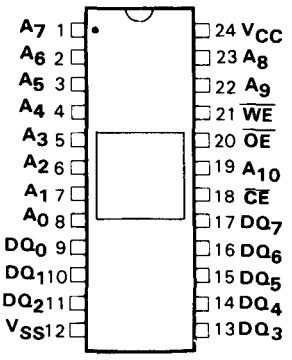
The MK4802 uses Mostek's Scaled POLY 5™ process and advanced circuit design techniques to package 16,384 bits of static RAM on a single chip. Static operation is achieved with high performance and low power dissipation by utilizing Address Activated™ circuit design techniques.

The MK4802 excels in high speed memory applications where the organization requires relatively shallow depth with a wide word format. The MK4802 presents the user a high density cost effective alternative to bipolar and previous generation N-MOS fast memory. The slower MK4802-3* provides even greater economies with performance suitable for microprocessor memory requirements.

BLOCK DIAGRAM



PIN CONNECTIONS



TRUTH TABLE

$\overline{CE}$	$\overline{OE}$	$\overline{WE}$	Mode	DQ
V_{IH}	X	X	Deselect	High Z
V_{IL}	X	V_{IL}	Write	D_{IN}
V_{IL}	V_{IL}	V_{IH}	Read	D_{OUT}
V_{IL}	V_{IH}	V_{IH}	Read	High Z

X = Don't Care

*See MK4802-3 Supplement Data Sheet

PIN NAMES

A_0-A_{10}	Address Inputs	V_{CC}	Power (+5V)
$\overline{CE}$	Chip Enable	$\overline{WE}$	Write Enable
V_{SS}	Ground	$\overline{OE}$	Output Enable
DQ_0-DQ_7	Data In/Data Out		

STATIC RAMS