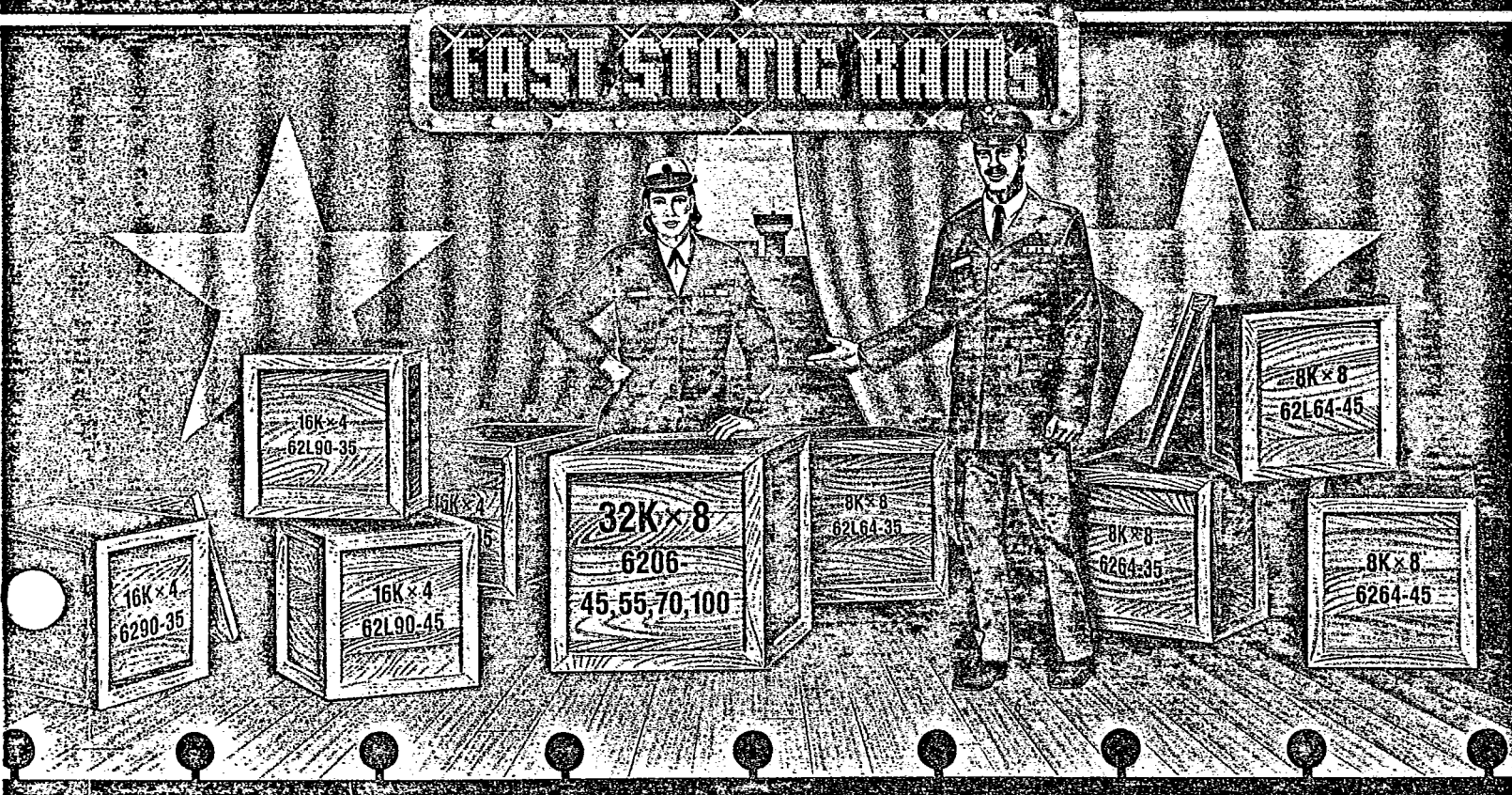


MILITARY PRODUCTS OPERATION



FAST STATIC RAM



THE MILITARY 32K X 8 IS AVAILABLE NOW

Featuring:

- Full Military operating temperature range, -55°C to $+125^{\circ}\text{C}$ T_C

- 28 pin Dual-In-Line package (DIL)

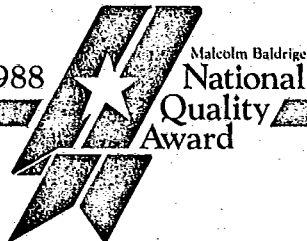
Dual Marked: SMD# 5962-8866204XA SMD#5962-8866203XA
883C# 6206-45/BXAJC 883C# 6206-55/BXAJC

SMD# 5962-8866202XA SMD#5962-8866201XA
883C# 6206-70/BXAJC 883C# 6206-100/BXAJC

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BEST-IN-CLASS

Winner 1988



MOTOROLA

T-46-23-14

The Military 6206 is a 262,144 bit static random access memory organized as 32,768 words of 8 bits, fabricated using Motorola's high-performance silicon-gate CMOS technology. Static design eliminates the need for external clocks or timing strobes, while CMOS circuitry reduces power consumption and provides for greater reliability.

Chip enable ($\bar{E}$) controls the power-down feature. It is not a clock but rather a chip control that affects power consumption. In less than a cycle time after $\bar{E}$ goes high, the part automatically reduces its power requirement and remains in this low-power standby mode as long as $\bar{E}$ remains high. This feature provides significant system-level power savings. Another control feature, output enable ($\bar{G}$), allows access to the memory contents as fast as 35 ns (6206-45).

SUMMARY:

- Single 5 V Supply, $\pm 10\%$
- Fully Static-No Clock or Timing Strokes Necessary
- Fast Access Time — 45 to 100 ns (Maximum)
- Low Power Dissipation
- Two Chip Controls; $\bar{E}$ for Automatic Power Down, $\bar{G}$ for Fast Access to Data
- Three State Outputs
- Fully TTL Compatible

Also available in full Military operating temperature range 16K X 4 (6290 and 62L90)

- 24 pin SIDEBRAZE package

Dual Marked: SMD# 5962-8685918LA SMD#5962-8685917LA
883C# 6290-35/BLAJC 883C# 62L90-35/BLAJC

SMD# 5962-8685916XA SMD#5962-8685915LA
883C# 6290-45/BLAJC 883C# 62L90-45/BLAJC

8K X 8 (6264 and 62L64)

- 28 pin Dual-In-Line package (DIL)

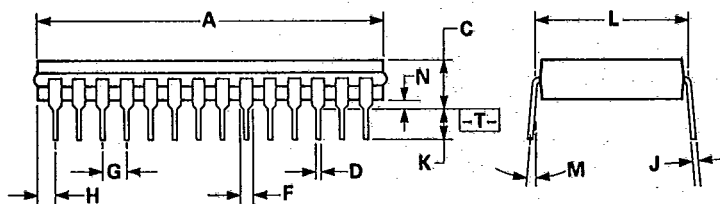
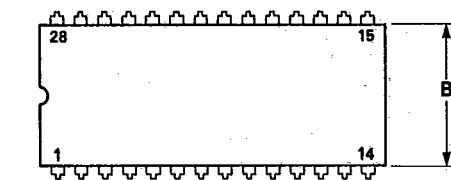
Dual Marked: SMD# 5962-8552507XA SMD#5962-8552508XA
883C# 6264-35/BXAJC 883C# 62L64-35/BXAJC

SMD# 5962-8552506XA SMD#5962-8552509XA
883C# 6264-45/BXAJC 883C# 62L64-45/BXAJC

Check with your local Motorola representative for price and delivery.

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6206 and 6264 DIL PACKAGE CASE 733-04

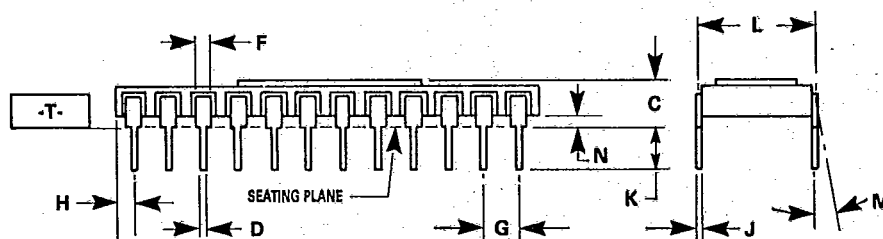
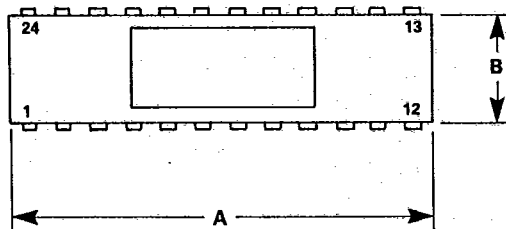


NOTES:

- DIM $\overline{A}$ IS DATUM.
- POSITIONAL TOL FOR LEADS:
 $\phi 0.25 (0.010) \text{ (M)} \text{ T A (M)}$
- $\overline{T}$ IS SEATING PLANE.
- DIM A AND B INCLUDES MENISCUS.
- DIM -L- TO CENTER OF LEADS WHEN FORMED PARALLEL.
- DIMENSIONING & TOLERANCING PER Y14.5, 1982.
- CONTROLLING DIM: INCH.

DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	36.45	37.84	1.435	1.490
B	12.70	15.36	0.500	0.605
C	4.06	5.84	0.160	0.230
D	0.38	0.55	0.015	0.022
F	1.27	1.65	0.050	0.065
G	2.54 BSC		0.100 BSC	
J	0.20	0.30	0.008	0.012
K	3.18	4.06	0.125	0.160
L	15.24 BSC		0.600 BSC	
M	0°	15°	0°	15°
N	0.51	1.27	0.020	0.050

6290 SIDEBRAZE PACKAGE CASE 716-08



NOTES:

- POSITIONAL TOLERANCE FOR LEADS:
 $\phi 0.25 (0.010) \text{ (M)} \text{ T A (M) B (M)}$
- DIMENSION L TO CENTER OF LEADS WHEN FORMED PARALLEL.
- DIMENSIONING AND TOLERANCING PER ANSI Y14.5, 1973.
- CONTROLLING DIMENSION: INCH.

DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	27.63	30.98	1.088	1.220
B	7.16	7.74	0.282	0.305
C	2.66	4.31	0.105	0.170
D	0.38	0.53	0.015	0.021
F	1.14	1.39	0.045	0.055
G	2.54 BSC		0.100 BSC	
H	0.76	1.77	0.030	0.070
J	0.20	0.30	0.008	0.012
K	3.17	5.08	0.125	0.200
L	7.62 BSC		0.300 BSC	
M	—	10°	—	10°
N	1.01	1.52	0.040	0.060