

RELIABILITY MONITOR

PRODUCT	MONITOR DATE	DATE CODE	ASSEMBLY FACILITY	ASSEMBLY LOT NO	PROCESS TYPE	PACKAGE TYPE
DS2502	Sep-97	9737 A6	CARSEM	DM718527ABB	1.2μ OX/NI EPROM	08 SOIC 150

STRESS/JOB NO.

**READPOINT
(Sample Size/No. of Fails)**

Preconditioning (P/C):
HTC Vapor Phase
P-20518

Electrical
235/0

Cum %
0.0%

Infant / High Voltage Life
125°C, 7.0 V.
P-20556, P-20606

<u>0 Hr</u>	<u>48 Hr</u>	<u>336 Hr</u>	<u>1KHr</u>
235/0	218/0	74/0	74/0

Write Data

*Failure Rate
31 Fits

*Chi Squared Method, 60% C. L., 55°C & 5.5V; Temperature Derating: Ea = 0.7 ev; Voltage Derating B = 1.0

Temp Cycle
-55°C to +125°C
P-20607

<u>300 ~</u>	<u>1K ~</u>
33/0	33/0

Cum %
0.0%

Biased Moisture
85°C/85% RH, 5.5 V.
P-20608

<u>274 Hr</u>	<u>959 Hr</u>
75/0	75/0

Cum %
0.0%

Storage Life
150°C, No bias
P-20609

<u>336 Hr</u>	<u>1KHr</u>
34/0	34/0

Cum %
0.0%

Failure Mode

Failure Analysis