

RELIABILITY MONITOR

PRODUCT	MONITOR DATE	DATE CODE	ASSEMBLY FACILITY	ASSEMBLY LOT NO	PROCESS TYPE	PACKAGE TYPE
DS1000M-25	Nov-97	9727 E3	OMEDATA	DD711504ABA	1.2μ NITRIDE	08 PDIP

STRESS/JOB NO.

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

Infant / High Voltage Life 125°C, 7.0 V. P-20931, P-20962	<u>0 Hr</u>	<u>48 Hr</u>	<u>336 Hr</u>	<u>1KHr</u>	<u>*Failure Rate</u>
	250/0	234/0	77/0		

*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-20963	<u>300 ~</u>	<u>1K ~</u>	<u>Cum %</u>
	40/0		

Biased Moisture 85°C/85% RH, 5.5 V. P-20964	<u>274 Hr</u>	<u>959 Hr</u>	<u>Cum %</u>
	77/0		

Autoclave 121°C/100% RH, 2 Atmos P-20965	<u>96 Hr</u>	<u>Cum %</u>
	40/0	0.0%

Failure Mode

Failure Analysis