

RELIABILITY MONITOR

PRODUCT	MONITOR DATE	DATE CODE	ASSEMBLY FACILITY	ASSEMBLY LOT NO	PROCESS TYPE	PACKAGE TYPE
DS232	Dec-95	9519 B3	OMEDATA	DD510512ABB	5.0μ OX/NI	16 PDIP

STRESS/JOB NO.

READPOINT

(Sample Size/No. of Fails)

High Voltage Life 125°C, 7.0 V. P-16738, P-16799	<u>48 Hr</u> 231/0	<u>336 Hr</u> 77/0	<u>1KHr</u> 77/0	<u>*Failure Rate</u> 30 Fits
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*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-16800

<u>300 ~</u> 39/0	<u>1K ~</u> 39/0	<u>Cum %</u> 0.0%
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Biased Moisture (HAST)
120°C/85% RH, 5.5 V.
P-16801

<u>100 Hr</u> 77/0	<u>Cum %</u> 0.0%
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Autoclave
121°C/100% RH, 2 Atmos
P-16802

<u>96 Hr</u> 38/0	<u>Cum %</u> 0.0%
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Failure Mode