

RELIABILITY MONITOR

PRODUCT	MONITOR DATE	DATE CODE	ASSEMBLY FACILITY	ASSEMBLY LOT NO	PROCESS TYPE	PACKAGE TYPE
DS12885	Jan-96	9549 A2	ANAM, PI.	DK53722AAD	1.2μ OX/NI	24 PDIP

STRESS/JOB NO.

READPOINT (Sample Size/No. of Fails)

High Voltage Life 125°C, 7.0 V. P-16813, P-16846	<u>48 Hr</u> 230/1 F1	<u>336 Hr</u> 77/0	<u>1KHr</u> 77/0	<u>*Failure Rate</u> 66 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-16847	<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-16848	<u>100 Hr</u> 77/0	<u>Cum %</u> 0.0%
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Autoclave 121°C/100% RH, 2 Atmos P-16849	<u>96 Hr</u> 37/0	<u>Cum %</u> 0.0%
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Failure Mode

F1: Bat1 Lkg