

RELIABILITY MONITOR

PRODUCT	MONITOR DATE	DATE CODE	ASSEMBLY FACILITY	ASSEMBLY LOT NO	PROCESS TYPE	PACKAGE TYPE
DS1232	May-96	9609 C1	ANAM, PI.	DK542678ACA	3.0μ OX/NI	08 PDIP

STRESS/JOB NO.

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

Infant / High Voltage Life 125°C, 7.0 V. P-17480, P-17531	<u>48 Hr</u> 231/0	<u>336 Hr</u> 77/0	<u>1KHr</u> 77/0	<u>*Failure Rate</u> 30 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-17532	<u>300 ~</u> 39/0	<u>1K ~</u> 39/0	<u>Cum %</u> 0.0%
--	----------------------	---------------------	----------------------

Biased Moisture (HAST) 120°C/85% RH, 5.5 V. P-17533		<u>100 Hr</u> 77/0	<u>Cum %</u> 0.0%
---	--	-----------------------	----------------------

Autoclave 121°C/100% RH, 2 Atmos P-17534		<u>96 Hr</u> 38/0	<u>Cum %</u> 0.0%
--	--	----------------------	----------------------

Failure Mode

Failure Analysis