

RELIABILITY MONITOR

PRODUCT	MONITOR DATE	DATE CODE	ASSEMBLY FACILITY	ASSEMBLY LOT NO	PROCESS TYPE	PACKAGE TYPE
DS1585	Jan-97	9642 B3	ANAM, PI.	DK630268AAE	1.2μ OX/NI	28 PDIP

STRESS/JOB NO.

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

Infant / High Voltage Life 125°C, 7.0 V. P-18906, P-18927	<u>48 Hr</u>	<u>336 Hr</u>	<u>1KHr</u>	<u>*Failure Rate</u>
	231/0	77/0	77/0	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-18928	<u>300 ~</u>	<u>1K ~</u>	<u>Cum %</u>
	39/0	39/0	0.0%

Biased Moisture (HAST) 120°C/85% RH, 5.5 V. P-18929	<u>100 Hr</u>	<u>Cum %</u>

Autoclave 121°C/100% RH, 2 Atmos P-18930	<u>96 Hr</u>	<u>Cum %</u>
	38/0	0.0%

Failure Mode

Failure Analysis