

RELIABILITY MONITOR

| PRODUCT | MONITOR DATE | DATE CODE | ASSEMBLY FACILITY | ASSEMBLY LOT NO | PROCESS TYPE | PACKAGE TYPE |
|----------------------|--------------|-----------|-------------------|-----------------|--------------|--------------|
| DS1643 (w/BR1225) | May-96 | 9617 B2 | DALLAS | DA078744 | N/A | 28 MODULE |

STRESS/JOB NO.

READPOINT

(Sample Size/No. of Fails)

| | | | | | |
|--|-------------|---------------|--------------|--------------------|--------------|
| Hi Temp Storage 70°C, No Bias P-17483, P-17682 | <u>0 Hr</u> | <u>336 Hr</u> | <u>1K Hr</u> | <u>Elect. Test</u> | <u>Cum %</u> |
| | 90/0 | 20/0 | 20/0 | 20/0 | 0.0% |

| | | | | |
|---------------------------------------|--------------|-------------|--------------------|--------------|
| Temp Cycle 0°C to +70°C P-17683 | <u>300 ~</u> | <u>1K ~</u> | <u>Elect. Test</u> | <u>Cum %</u> |
| | 35/0 | 35/0 | 35/0 | 0.0% |

| | | | | |
|---|---------------|---------------|--------------------|--------------|
| Moisture Soak 60°C/90% RH P-17684 | <u>288 Hr</u> | <u>960 Hr</u> | <u>Elect. Test</u> | <u>Cum %</u> |
| | 35/0 | 35/0 | 35/0 | 0.0% |

| | |
|--------------------------------|---------------------------------|
| Phys. Dimen. <u>P-17482</u> | Solderability <u>P-17481</u> |
| 5/0 | 24/0 |

Failure Mode

Failure Analysis