



4/20/2008

RELIABILITY MONITOR REPORT  
FOR

**DAL 0.6 $\mu$ m Silicon Gate CMOS**

**MAXIM Integrated Products**

120 San Gabriel Dr.  
Sunnyvale, CA 94086

This Report was prepared by  
Maxim Reliability Engineering

**Summary:**

The data in the tables that follow was generated as the result of an on-going Process Reliability Monitor. The specific products in this process monitor are:

DS1050	DS1124	DS1311	DS1372	DS1643
DS1682	DS1722	DS1744	DS1747	DS1859
DS1921G	DS1955B5	DS1990	DS2119M	DS21448
DS2432	DS2433	DS2501	DS2502	DS2503
DS29020	DS29022	DS3232	DS3502	DS3508
DS80C320	DS9490	DSQ33G4		

The calculated failure rate for devices using this process is:

**FAILURE RATE:**                      **MTTF (YRS): 246170**                      **FITS: 0.5**

The parameters used to calculate this failure rate are as follows:

**Cf: 60%**                      **Ea: 0.7**                      **Tu: 25 °C**

The reliability data follows and in this section is the detailed reliability data by stress. The reliability data section includes the latest data available. This report covers data between 4/1/2007 and 3/31/2008 .

**Process Information:**

Process Description:                      DAL 0.6µm Silicon Gate CMOS

**OPERATING LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	0626	DS2502	125C, 6.0 VOLTS	1000 HRS	77	0	
HIGH TEMP OP LIFE	0645	DS21448	125C, 3.3 VOLTS	1000 HRS	45	0	
HIGH TEMP OP LIFE	0710	DS21448	125C, 3.5 VOLTS	1000 HRS	77	0	
HIGH TEMP OP LIFE	0710	DS1722	125C, 5.5 VOLTS	1000 HRS	77	0	
HIGH TEMP OP LIFE	0714	DS1682	125C, 5.5 VOLTS	1000 HRS	77	0	
HIGH TEMP OP LIFE	0716	DS2119M	125C, 5.5 VOLTS	1000 HRS	77	0	
HIGH TEMP OP LIFE	0716	DS2119M	125C, 5.5 VOLTS	1000 HRS	77	0	
HIGH TEMP OP LIFE	0716	DS2119M	125C, 5.5 VOLTS	1000 HRS	77	0	
HIGH TEMP REVERSE BIAS	0717	DS2432	125C, 5.25 VOLTS	1000 HRS	48	0	
HIGH TEMP REVERSE BIAS	0717	DS2432	125C, 5.25 VOLTS	1000 HRS	48	0	
HIGH TEMP REVERSE BIAS	0717	DS2432	125C, 5.25 VOLTS	1000 HRS	48	0	
HIGH TEMP OP LIFE	0718	DS1124	125C, 5.25 VOLTS	1000 HRS	45	0	
HIGH TEMP OP LIFE	0720	DS1859	125C, 5.5 VOLTS	1000 HRS	77	0	
HIGH TEMP OP LIFE	0720	DS3232	125C, 5.5 VOLTS	1000 HRS	45	0	
HIGH TEMP OP LIFE	0722	DS1311	125C, 5.5 VOLTS	1000 HRS	77	0	
HIGH TEMP OP LIFE	0723	DS1372	125C, 5.5 VOLTS	1000 HRS	45	0	

HIGH TEMP OP LIFE	0726	DS80C320	125C, 5.5 VOLTS	1000 HRS	77	0
HIGH TEMP OP LIFE	0726	DS80C320	125C, 5.5 VOLTS	1000 HRS	77	0
HIGH TEMP OP LIFE	0727	DS80C320	125C, 5.5 VOLTS	1000 HRS	77	0
HIGH TEMP OP LIFE	0732	DS1722	125C, 5.5 VOLTS	1000 HRS	77	0
HIGH TEMP OP LIFE	0735	DS1050	125C, 5.5 VOLTS	1000 HRS	77	0
HIGH TEMP OP LIFE	0740	DS2502	125C, 6.0 VOLTS	1000 HRS	77	0
HIGH TEMP OP LIFE	0740	DS2503	125C, 6.0 VOLTS	1000 HRS	77	0
HIGH TEMP OP LIFE	0742	DS2433	125C, 6.0 VOLTS	1000 HRS	77	0
HIGH TEMP OP LIFE	0745	DS2501	125C, 6.0 VOLTS	1000 HRS	77	0
HIGH TEMP OP LIFE	0745	DS2501	125C, 6.0 VOLTS	1000 HRS	77	0
HIGH TEMP OP LIFE	0745	DS2501	125C, 6.0 VOLTS	1000 HRS	77	0
HIGH TEMP OP LIFE	0802	DS3502	125C, 5.5 V (PSA) & 15.0 V (PSB)	1000 HRS	77	0
HIGH TEMP OP LIFE	0805	DS2433	125C, 6.0 VOLTS	1000 HRS	77	0
HIGH TEMP OP LIFE	0807	DS2433	125C, 6.0 VOLTS	1000 HRS	77	0
<b>Total:</b>						<b>0</b>

---

#### STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE	0626	DS2502	150C	1000 HRS	77	0	
STORAGE LIFE	0645	DS21448	150C	1000 HRS	77	0	
STORAGE LIFE	0709	DS1990	70 C	1000 HRS	77	0	
STORAGE LIFE	0710	DS21448	150C	1000 HRS	77	0	
STORAGE LIFE	0710	DS29022	70 C	336 HRS	77	0	
STORAGE LIFE	0710	DS29022	70 C	336 HRS	77	0	
STORAGE LIFE	0710	DS29022	70 C	336 HRS	77	0	
STORAGE LIFE	0714	DS29020	70 C	336 HRS	77	0	
STORAGE LIFE	0714	DS1643	85 C	1000 HRS	77	0	
VISUAL INSPECTION			WHISKERS < 50uM		76	0	
STORAGE LIFE	0715	DS1747	85 C	1000 HRS	77	0	
VISUAL INSPECTION			WHISKERS < 50uM		77	0	
VISUAL INSPECTION	0715	DS1744	WHISKERS < 50uM		57	0	
STORAGE LIFE			85 C	1000 HRS	77	0	
STORAGE LIFE	0716	DS1990	85 C	1000 HRS	77	0	
STORAGE LIFE	0716	DSQ33G4	85 C	1000 HRS	77	0	
STORAGE LIFE	0716	DS1921G	85 C	1000 HRS	77	0	
STORAGE LIFE	0716	DS2119M	150C	1000 HRS	77	0	
STORAGE LIFE	0716	DS2119M	150C	1000 HRS	77	0	
STORAGE LIFE	0716	DS2119M	150C	1000 HRS	77	0	

STORAGE LIFE	0717	DS9490	85 C	1000 HRS	77	0
STORAGE LIFE	0717	DS2432	150C	1000 HRS	77	0
STORAGE LIFE	0717	DS2432	150C	1000 HRS	77	0
STORAGE LIFE	0717	DS2432	150C	1000 HRS	77	0
STORAGE LIFE	0718	DS1955B5	85 C	1000 HRS	77	0
STORAGE LIFE	0718	DS1955B5	85 C	1000 HRS	77	0
STORAGE LIFE	0718	DS1955B5	85 C	1000 HRS	77	0
STORAGE LIFE	0718	DS1744	85 C	1000 HRS	77	0
VISUAL INSPECTION			WHISKERS < 50uM		77	0
STORAGE LIFE	0718	DS1744	85 C	1000 HRS	77	0
VISUAL INSPECTION			WHISKERS < 50uM		77	0
STORAGE LIFE	0726	DS80C320	150C	1000 HRS	77	0
STORAGE LIFE	0726	DS80C320	150C	1000 HRS	77	0
STORAGE LIFE	0727	DS80C320	150C	1000 HRS	77	0
STORAGE LIFE	0732	DS1722	150C	1000 HRS	77	0
STORAGE LIFE	0734	DS1955B5	85 C	1000 HRS	77	0
STORAGE LIFE	0734	DS1955B5	85 C	1000 HRS	77	0
STORAGE LIFE	0734	DS1955B5	85 C	1000 HRS	77	0
STORAGE LIFE	0735	DS1050	150C	1000 HRS	45	0
STORAGE LIFE	0739	DS1955B5	85 C	1000 HRS	77	0
STORAGE LIFE	0739	DS1955B5	85 C	1000 HRS	77	0
STORAGE LIFE	0739	DS1955B5	85 C	1000 HRS	77	0
STORAGE LIFE	0740	DS2432	150C	1000 HRS	77	0
STORAGE LIFE	0740	DS2432	150C	1000 HRS	77	0
STORAGE LIFE	0740	DS2432	150C	1000 HRS	77	0
STORAGE LIFE	0740	DS2502	150C	1000 HRS	77	0
STORAGE LIFE	0740	DS2503	150C	1000 HRS	77	0
<b>Total:</b>						<b>0</b>

---

### TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL	0626	DS2502	-55C TO 125C	1000 CYS	77	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	0645	DS21448	-55C TO 125C	1000 CYS	77	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	0709	DS1990	-40 TO 85C	500 CYS	77	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	0710	DS21448	-55C TO 125C	1000 CYS	77	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	0710	DS29022	0C TO 70C	300 CYS	77	0	

TEMP CYCLE, 5' RAMP, 10' DWELL	0710	DS29022	0C TO 70C	300	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0710	DS29022	0C TO 70C	300	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0714	DS29020	-40 TO 85C	500	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0714	DS1643	-40 TO 85C	1000	CYS	77	0
VISUAL INSPECTION			WHISKERS < 50uM			77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0715	DS1747	-40 TO 85C	1000	CYS	77	0
VISUAL INSPECTION			WHISKERS < 50uM			77	
VISUAL INSPECTION	0715	DS1744	WHISKERS < 50uM			77	0
TEMP CYCLE, 5' RAMP, 10' DWELL			-40 TO 85C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0716	DSQ33G4	-40 TO 85C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0716	DS1921G	-40 TO 85C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0716	DS2119M	-55C TO 125C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0716	DS2119M	-55C TO 125C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0716	DS2119M	-55C TO 125C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0717	DS9490	-40 TO 85C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0717	DS2432	-55C TO 125C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0717	DS2432	-55C TO 125C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0717	DS2432	-55C TO 125C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0718	DS1955B5	-40 TO 85C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0718	DS1744	-40 TO 85C	1000	CYS	77	0
VISUAL INSPECTION			WHISKERS < 50uM			77	0
VISUAL INSPECTION	0718	DS1744	WHISKERS < 50uM			77	0
TEMP CYCLE, 5' RAMP, 10' DWELL			-40 TO 85C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0720	DS1859	-55C TO 125C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0726	DS80C320	-55C TO 125C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0726	DS80C320	-55C TO 125C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0727	DS80C320	-55C TO 125C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0728	DS29020	-40 TO 85C	500	CYS	153	0
BOND STRENGTH	0732	DS1722	MIL-STD-883-2011 : COND D	40	WIRES	5	0

TEMP CYCLE, 5' RAMP, 10' DWELL			-65C TO 150C	500 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0734	DS1955B5	-40 TO 85C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0734	DS1955B5	-40 TO 85C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0734	DS1955B5	-40 TO 85C	1000 CYS	77	0
BOND STRENGTH	0735	DS1050	MIL-STD-883-2011 : COND D	30 WIRES	5	0
TEMP CYCLE, 5' RAMP, 10' DWELL			-55C TO 125C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0736	DS1955B5	-40 TO 85C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0736	DS1955B5	-40 TO 85C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0736	DS1955B5	-40 TO 85C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0739	DS1955B5	-40 TO 85C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0739	DS1955B5	-40 TO 85C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0739	DS1955B5	-40 TO 85C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0739	DS1955B5	-40 TO 85C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0739	DS1955B5	-40 TO 85C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0739	DS1955B5	-40 TO 85C	1000 CYS	77	0
TEMP CYCLE, 15' RAMP, 15' DWELL	0740	DS2432	-40C TO +125C	1500 CYS	77	0
TEMP CYCLE, 15' RAMP, 15' DWELL	0740	DS2432	-40C TO +125C	1500 CYS	77	0
TEMP CYCLE, 15' RAMP, 15' DWELL	0740	DS2432	-40C TO +125C	1500 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0740	DS2502	-55C TO 125C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0740	DS2503	-55C TO 125C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0745	DS2501	-55C TO 125C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0745	DS2501	-55C TO 125C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0745	DS2501	-55C TO 125C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0749	DS2502	-40C TO +125C	1000 CYS	231	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0749	DS2502	-40C TO +125C	1000 CYS	231	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0749	DS2502	-40C TO +125C	1000 CYS	231	0

TEMP CYCLE, 5' RAMP, 10' DWELL	0749	DS2502	-40C TO +125C	1000 CYS	231	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0749	DS2502	-40 TO 85C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0749	DS2502	-40 TO 85C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0749	DS2502	-40 TO 85C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0749	DS2502	-40 TO 85C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0802	DS2502	-40C TO +125C	1000 CYS	231	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0802	DS2502	-40C TO +125C	1000 CYS	231	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0803	DS2502	-40C TO +125C	1000 CYS	231	0
<b>Total:</b>					<b>0</b>	<b>0</b>

---

### TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HAST	0626	DS2502	130C, 85%R.H.,5.5V	96 HRS	77	0	
BIASED MOISTURE	0710	DS21448	85/85, 3.5 VOLTS	1000 HRS	45	0	
BIASED MOISTURE	0714	DS1643	85/85, 5.5 VOLTS	1000 HRS	77	0	
VISUAL INSPECTION			WHISKERS < 50uM		77	0	
BIASED MOISTURE	0715	DS1747	85/85, 3.5 VOLTS	1000 HRS	77	0	
VISUAL INSPECTION			WHISKERS < 50uM		76	0	
BIASED MOISTURE	0716	DS2119M	85/85, 5.5 VOLTS	1000 HRS	45	0	
BIASED MOISTURE	0716	DS2119M	85/85, 5.5 VOLTS	1000 HRS	45	0	
BIASED MOISTURE	0716	DS2119M	85/85, 5.5 VOLTS	1000 HRS	45	0	
HAST	0717	DS2432	130C, 85%R.H.,5.5V	96 HRS	45	0	
HAST	0717	DS2432	130C, 85%R.H.,5.5V	96 HRS	45	0	
HAST	0717	DS2432	130C, 85%R.H.,5.5V	96 HRS	45	0	
BIASED MOISTURE	0720	DS1859	85/85, 5.5 VOLTS	1000 HRS	76	0	
BIASED MOISTURE	0726	DS80C320	85/85, 5.5 VOLTS	1000 HRS	77	0	
BIASED MOISTURE	0726	DS80C320	85/85, 5.5 VOLTS	1000 HRS	77	0	
BIASED MOISTURE	0727	DS80C320	85/85, 5.5 VOLTS	1000 HRS	77	0	
VISUAL INSPECTION	0731	DS1744	WHISKERS < 50uM		77	0	
BIASED MOISTURE			85/85, 3.5 VOLTS	1000 HRS	77	0	
HAST	0732	DS1722	130C, 85%R.H.,5.5V	96 HRS	77	0	
BIASED MOISTURE	0735	DS1050	85/85, 5.5 VOLTS	1000 HRS	77	0	
BIASED MOISTURE	0740	DS2432	85/85, 5.5 VOLTS	1000 HRS	77	0	
BIASED MOISTURE	0740	DS2432	85/85, 5.5 VOLTS	1000 HRS	77	0	
BIASED MOISTURE	0740	DS2432	85/85, 5.5 VOLTS	1000 HRS	77	0	

HAST	0745	DS2501	130C, 85%R.H.,5.5V	96	HRS	77	0
HAST	0745	DS2501	130C, 85%R.H.,5.5V	96	HRS	77	0
HAST	0745	DS2501	130C, 85%R.H.,5.5V	96	HRS	77	0
<b>Total:</b>							<b>0</b>

---

### UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HAST, NO BIAS	0645	DS21448	130C, 85% R.H.	200	HRS	77	0
MOISTURE SOAK	0709	DS1990	60C/90% R.H.	1000	HRS	77	0
MOISTURE SOAK	0714	DS29020	85 C/85% R.H.	274	HRS	77	0
VISUAL INSPECTION	0715	DS1744	WHISKERS < 50uM			77	0
MOISTURE SOAK			60C/90% R.H.	1000	HRS	77	0
MOISTURE SOAK	0716	DS1990	85 C/85% R.H.	959	HRS	77	0
MOISTURE SOAK	0716	DSQ33G4	60C/90% R.H.	1000	HRS	77	0
MOISTURE SOAK	0716	DS1921G	85 C/85% R.H.	1000	HRS	77	0
MOISTURE SOAK	0717	DS9490	60C/90% R.H.	1000	HRS	77	0
MOISTURE SOAK	0718	DS1955B5	60C/90% R.H.	1000	HRS	77	0
MOISTURE SOAK	0718	DS1955B5	60C/90% R.H.	1000	HRS	77	0
MOISTURE SOAK	0718	DS1955B5	60C/90% R.H.	1000	HRS	77	0
MOISTURE SOAK	0718	DS1744	60C/90% R.H.	1000	HRS	77	0
VISUAL INSPECTION			WHISKERS < 50uM			77	0
MOISTURE SOAK	0718	DS1744	60C/90% R.H.	1000	HRS	77	0
VISUAL INSPECTION			WHISKERS < 50uM			77	0
AUTOCLAVE	0732	DS1722	121C, 2 ATM STEAM, UNBIASED	168	HRS	72	0
AUTOCLAVE	0735	DS1050	121C, 2 ATM STEAM, UNBIASED	168	HRS	77	0
HAST, NO BIAS	0802	DS2502	130C, 85% R.H.	96	HRS	231	0
HAST, NO BIAS	0802	DS2502	130C, 85% R.H.	96	HRS	231	0
HAST, NO BIAS	0802	DS2502	130C, 85% R.H.	96	HRS	231	0
HAST, NO BIAS	0803	DS2502	130C, 85% R.H.	96	HRS	231	0
<b>Total:</b>							<b>0</b>

---

### W/E ENDURANCE AND DATA RET'N

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
WRITE CYCLE STRESS (KCYS)	0714	DS1682	85 C, 5.5 VOLTS	30	KCYS	77	0
STORAGE LIFE			150C	1000	HRS	77	0
STORAGE LIFE	0718	DS1124	150C	1000	HRS	77	0
STORAGE LIFE	0720	DS1859	150C	1000	HRS	73	0
WRITE CYCLE STRESS (KCYS)			70 C, 5.5 VOLTS	30	KCYS	77	0



WRITE CYCLE STRESS (KCYS)	0742	DS2433	25 C, 5.0 VOLTS	50	KCYS	150	0
STORAGE LIFE			150C	1000	HRS	150	0
WRITE CYCLE STRESS (KCYS)	0802	DS3502	25 C, 5.5 V (PSA) & 15.0 V (PSB)	200	KCYS	77	0
STORAGE LIFE			150C	1000	HRS	72	0
STORAGE LIFE	0802	DS3502	150C	1000	HRS	77	0
WRITE CYCLE STRESS (KCYS)			85 C, 5.5 V (PSA) & 15.0 V (PSB)	50	KCYS	77	0
WRITE CYCLE STRESS (KCYS)	0802	DS3508	85 C, 5.5 V (PSA) & 15.0 V (PSB)	50	KCYS	77	0
STORAGE LIFE			150C	1000	HRS	77	0
WRITE CYCLE STRESS (KCYS)	0805	DS2433	25 C, 5.0 VOLTS	50	KCYS	231	0
STORAGE LIFE			150C	1000	HRS	231	0
WRITE CYCLE STRESS (KCYS)	0807	DS2433	25 C, 5.0 VOLTS	50	KCYS	231	0
STORAGE LIFE			150C	1000	HRS	231	0
<b>Total:</b>							<b>0</b>

**FAILURE RATE:**

**MTTF (YRS): 246170**

**FITS: 0.5**