

6/25/2020



RELIABILITY MONITOR REPORT  
FOR

**QFN Package**

**MAXIM INTEGRATED**

160 RIO ROBLES  
SAN JOSE, CA 95134

This Report was prepared by  
**MAXIM INTEGRATED Reliability Engineering**

**Summary:**

The data in the tables that follow was generated as the result of an on-going Package Reliability Monitor. The specific assemblies included in this package monitor are:

ASSY SITE	PINS	PACKAGE		
ASE Chung-Li	12	Flip Chip QFN (Pb-Free)	ASE Chung-Li	17 Flip Chip QFN (Pb-Free)
ASE Chung-Li	20	QFN (Pb-Free)	ASE Chung-Li	16 TQFN
ASE Chung-Li	16	TQFN (Pb-Free)	ASE Chung-Li	20 TQFN (Pb-Free)
ASE Chung-Li	24	TQFN (Pb-Free)	ASE Chung-Li	28 TQFN (Pb-Free)
ASE Chung-Li	32	TQFN (Pb-Free)	ASE Chung-Li	40 TQFN (Pb-Free)
ASE Chung-Li	48	TQFN (Pb-Free)	ASE Chung-Li	64 TQFN (Pb-Free)
ASE Chung-Li	68	TQFN (Pb-Free)	ASE Chung-Li	10 TQFN-CU (Pb-Free)
ASE Chung-Li	12	TQFN-CU (Pb-Free)	ASE Chung-Li	16 TQFN-CU (Pb-Free)
ASE Chung-Li	20	TQFN-CU (Pb-Free)	ASE Chung-Li	24 TQFN-CU (Pb-Free)
ASE Chung-Li	28	TQFN-CU (Pb-Free)	ASE Chung-Li	32 TQFN-CU (Pb-Free)
ASE Chung-Li	38	TQFN-CU (Pb-Free)	ASE Chung-Li	40 TQFN-CU (Pb-Free)
ASE Chung-Li	48	TQFN-CU (Pb-Free)	ASE Chung-Li	56 TQFN-CU (Pb-Free)
ASE Chung-Li	64	TQFN-CU (Pb-Free)	ASE Chung-Li	68 TQFN-CU (Pb-Free)
ASE Kaoshiung	17	Flip Chip QFN (Pb-Free)	ATK (Amkor, Korea)	30 Flip Chip QFN (Pb-Free)
JCAP	12	Flip Chip QFN (Pb-Free)	JCAP	15 Flip Chip QFN (Pb-Free)
JCAP	17	Flip Chip QFN (Pb-Free)	JCAP	18 Flip Chip QFN (Pb-Free)
JCAP	22	Flip Chip QFN (Pb-Free)	JCAP	30 Flip Chip QFN (Pb-Free)
JCAP	35	Flip Chip QFN (Pb-Free)	JCET	12 Flip Chip QFN (Pb-Free)
JCET	14	Flip Chip QFN (Pb-Free)	JCET	17 Flip Chip QFN (Pb-Free)
JCET	18	Flip Chip QFN (Pb-Free)	JCET	22 Flip Chip QFN (Pb-Free)
JCET	30	Flip Chip QFN (Pb-Free)	UTAC DG	56 TQFN (Pb-Free)
UTAC DG	68	TQFN-CU (Pb-Free)	UTL (NSEB) UTAC	15 Flip Chip QFN (Pb-Free)
UTL (NSEB) UTAC	2	SFN	UTL (NSEB) UTAC	16 TQFN (Pb-Free)
UTL (NSEB) UTAC	24	TQFN (Pb-Free)	UTL (NSEB) UTAC	28 TQFN (Pb-Free)
UTL (NSEB) UTAC	32	TQFN (Pb-Free)	UTL (NSEB) UTAC	48 TQFN (Pb-Free)
UTL (NSEB) UTAC	16	TQFN-CU (Pb-Free)	UTL (NSEB) UTAC	20 TQFN-CU (Pb-Free)
UTL (NSEB) UTAC	24	TQFN-CU (Pb-Free)	UTL (NSEB) UTAC	28 TQFN-CU (Pb-Free)
UTL (NSEB) UTAC	32	TQFN-CU (Pb-Free)	UTL (NSEB) UTAC	40 TQFN-CU (Pb-Free)
UTL (NSEB) UTAC	48	TQFN-CU (Pb-Free)	UTL (NSEB) UTAC	56 TQFN-CU (Pb-Free)
UTL (NSEB) UTAC	64	TQFN-CU (Pb-Free)	UTL (NSEB) UTAC	68 TQFN-CU (Pb-Free)

The calculated failure rate for this assembly is:

**FAILURE RATE: MTTF (YRS): ##### FITS: 0.1**

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

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

The reliability data follows. At the start of this data is a description of the assembly vehicle used to generate this reliability data. The next section is the detailed reliability data for each stress. The reliability data section includes the latest data available. This report covers data between 1/1/2020 and 3/31/2020.

**Assembly Information:**

Package Type: Flip Chip QFN (Pb-Free)  
 Date Code Range: 1741 to 2004

**OPERATING LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
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HIGH TEMP OP LIFE		MAX20735EPL+	125°C	1000 HRS	78	0
HIGH TEMP OP LIFE		VS98C-0A	125°C	1000 HRS	80	0
HIGH TEMP OP LIFE		VS98C-0A	125°C	500 HRS	80	0
HIGH TEMP OP LIFE	1831	MAX20735EPL+	125°C	1000 HRS	77	0
HIGH TEMP OP LIFE	1831	MAX20735EPL+	125°C	1000 HRS	79	0
HIGH TEMP OP LIFE	1838	MAX16604GFN+	125°C	1000 HRS	78	0
HIGH TEMP OP LIFE	1838	MAX16604GFN+	125°C	500 HRS	40	0
HIGH TEMP OP LIFE	1838	MAX16604GFN+	125°C	192 HRS	79	0
HIGH TEMP OP LIFE	1838	MAX16512	125°C	500 HRS	80	0
HIGH TEMP OP LIFE	1846	MAX77930EFV+	125°C	96 HRS	48	0
HIGH TEMP OP LIFE	1846	MAX77930EFV+	125°C	192 HRS	78	0
HIGH TEMP OP LIFE	1846	MAX77930EFV+	125°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1846	MAX77930EFV+	125°C	500 HRS	80	0
HIGH TEMP OP LIFE	1851	MAX20780	125°C	1000 HRS	79	0
HIGH TEMP OP LIFE	1851	MAX20780	125°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1851	MAX20780	125°C	1000 HRS	79	0
HIGH TEMP OP LIFE	1903	MAX20011BAFOA/V Y+	125°C	192 HRS	28	0
HIGH TEMP OP LIFE	1903	MAX20796GFB+	125°C	1000 HRS	81	0
HIGH TEMP OP LIFE	1910	MAX20006EAFOC/V Y+	125°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1916	MAX20730EPL+/87- J0730+T01	125°C	1000 HRS	77	0
HIGH TEMP OP LIFE	1919	MAX20011BAFOA/V Y+	125°C	192 HRS	80	0
HIGH TEMP OP LIFE	1919	MAX20011BAFOA/V Y+	125°C	500 HRS	25	0
HIGH TEMP OP LIFE	1919	MAX20011BAFOA/V Y+	125°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1921	MAX20779	125°C	192 HRS	80	0
HIGH TEMP OP LIFE	1921	MAX20779	125°C	620 HRS	80	0
HIGH TEMP OP LIFE	1921	MAX20779	125°C	192 HRS	80	0
HIGH TEMP OP LIFE	1941	MAX98373EFF+CPP	125°C	96 HRS	77	0
HIGH TEMP OP LIFE	1943	MAX77827BEFD+T	125°C	1000 HRS	45	0
HIGH TEMP OP LIFE	1943	MAX77827BEFD+T	125°C	1000 HRS	45	0
HIGH TEMP OP LIFE	1943	MAX77827BEFD+T	125°C	1000 HRS	45	0
HIGH TEMP OP LIFE	1947	MAX20410AFOB/VY	125°C	620 HRS	80	0
HIGH TEMP OP LIFE	1947	MAX20410AFOB/VY	125°C	192 HRS	79	0
HIGH TEMP OP LIFE	1947	MAX20410AFOB/VY	125°C	192 HRS	56	0
HIGH TEMP OP LIFE	2004	MAX20410AFOB/VY	125°C	192 HRS	80	0

**Total: 0**

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**PACKAGE TESTS**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
CONVECTION REFLOW		MAX16604GFN+		3	PASS	90	0
CONVECTION REFLOW	1741	MAX16550GPN+T	130C, 85% R.H.	3	PASS	100	0
CONVECTION REFLOW	1818	MAX16550GPN+T		3	PASS	100	0
CONVECTION REFLOW	1827	MAX20735EPL+	85 C/85% R.H.	3	PASS	400	0
CONVECTION REFLOW	1831	MAX20735EPL+	85 C/85% R.H.	3	PASS	400	0
CONVECTION REFLOW	1831	MAX20735EPL+	85 C/85% R.H.	3	PASS	400	0
CONVECTION REFLOW	1844	MAX16550GPN+T/		3	PASS	100	0
CONVECTION REFLOW	1846	MAX77930EFV+	125°C	3	PASS	150	0
CONVECTION REFLOW	1851	MAX20780	85 C/85% R.H.	3	PASS	119	0
CONVECTION REFLOW	1851	MAX20780	85 C/85% R.H.	3	PASS	120	0
CONVECTION REFLOW	1851	MAX20780	85 C/85% R.H.	3	PASS	120	0
CONVECTION REFLOW	1910	MAX20006EAFOD/V Y+	150°C	3	PASS	30	0
CONVECTION REFLOW	1911	MAX16503GFN+T		3	PASS	2121	0
CONVECTION REFLOW	1917	MAX16503GFN+T	> 5 GMS	3	PASS	2127	0
CONVECTION REFLOW	1917	MAX16503GFN+T	130C, 85% R.H.	3	PASS	300	0
CONVECTION REFLOW	1924	MAX20006EAFOD/V Y+		3	PASS	130	0
CONVECTION REFLOW	1924	MAX20006EAFOD/V Y+		3	PASS	30	0
CONVECTION REFLOW	1941	MAX98373EFF+CPP		3	PASS	320	0
CONVECTION REFLOW	1944	MAX77930EFV+		3	PASS	938	0
CONVECTION REFLOW	1947	MAX20410AFOB/VY		3	PASS	360	0
CONVECTION REFLOW	1949	MAX77960EFV+		3	PASS	350	0
CONVECTION REFLOW	1949	87-J779Z+X00		3	PASS	300	0
CONVECTION REFLOW	1949	87-J779Z+X00		3	PASS	300	0
CONVECTION REFLOW	1949	87-J779Z+X00		3	PASS	300	0
CONVECTION REFLOW	1949	87-J779Z+X00		3	PASS	300	0
CONVECTION REFLOW	2004	MAX20410AFOB/VY		3	PASS	360	0
CONVECTION REFLOW	2004	MAX20410AFOB/VY		3	PASS	360	0
					<b>Total:</b>	<b>0</b>	<b>0</b>

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**STORAGE LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE		MAX20735EPL+	150°C	1000	HRS	80	0
STORAGE LIFE		VS98C-0A	150°C	1000	HRS	80	0
STORAGE LIFE		VS98C-0A	150°C	1000	HRS	80	0
STORAGE LIFE		VS98C-0A	150°C	1000	HRS	78	0

STORAGE LIFE	1831	MAX20735EPL+	150°C	1000	HRS	80	0
STORAGE LIFE	1831	MAX20735EPL+	150°C	1000	HRS	80	0
STORAGE LIFE	1851	MAX20780	150°C	1000	HRS	80	0
STORAGE LIFE	1851	MAX20780	150°C	1000	HRS	80	0
STORAGE LIFE	1851	MAX20780	150°C	1000	HRS	80	0
STORAGE LIFE	1924	MAX20006EAFOD/V Y+	150°C	2000	HRS	30	0
STORAGE LIFE	1931	MAX98373EFF+CPP	150°C	1000	HRS	80	0
STORAGE LIFE	1941	MAX98373EFF+CPP	150°C	1000	HRS	80	0
STORAGE LIFE	1943	MAX77827BEFD+T	150°C	1000	HRS	80	0
STORAGE LIFE	1943	MAX77827BEFD+T	150°C	1000	HRS	79	0
STORAGE LIFE	1943	MAX77827BEFD+T	150°C	1000	HRS	80	0
STORAGE LIFE	1947	MAX20410AFOB/VY	150°C	1000	HRS	77	0
STORAGE LIFE	2004	MAX20410AFOB/VY	150°C	312	HRS	80	0
STORAGE LIFE	2004	MAX20410AFOB/VY	150°C	192	HRS	80	0
<b>Total:</b>						<b>0</b>	<b>0</b>

#### TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL		VS98C-0A	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL		VS98C-0A	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL		VS98C-0A	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1741	MAX16503GFN+T	-65C TO +150C (Condition C)	50	CYS	2487	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1741	MAX16550GPN+T	-65C TO +150C (Condition C)	1000	CYS	100	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1751	MAX16503GFN+T	-65C TO +150C (Condition C)	25	CYS	2490	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1751	MAX16503GFN+T	-65C TO +150C (Condition C)	100	CYS	2490	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1751	MAX16503GFN+T	-65C TO +150C (Condition C)	100	CYS	2492	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1818	MAX16550GPN+T	-65C TO +150C (Condition C)	1000	CYS	100	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1844	MAX16550GPN+T/	-65C TO +150C (Condition C)	1000	CYS	100	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1851	MAX20780	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1851	MAX20780	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1851	MAX20780	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1917	MAX16503GFN+T	-65C TO +150C (Condition C)	200	CYS	80	0

TEMP CYCLE, 5' RAMP, 10' DWELL	1917	MAX16503GFN+T	-65C TO +150C (Condition C)	200	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1931	MAX98373EFF+CPP	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1941	MAX98373EFF+CPP	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1943	MAX77827BEFD+T	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1943	MAX77827BEFD+T	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1943	MAX77827BEFD+T	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1947	MAX20410AFOB/VY	-65C TO +150C (Condition C)	1000	CYS	79	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1949	MAX77960EFV+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	2004	MAX20410AFOB/VY	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	2004	MAX20410AFOB/VY	-65C TO +150C (Condition C)	500	CYS	80	0

**Total: 0**

**TEMPERATURE HUMIDITY BIAS**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
BIASED MOISTURE		MAX16604GFN+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1846	MAX77930EFV+	130C, 85% R.H.	96	HRS	19	0
BIASED MOISTURE	1846	MAX77930EFV+	130C, 85% R.H.	96	HRS	20	0
BIASED MOISTURE	1846	MAX77930EFV+	130C, 85% R.H.	96	HRS	20	0
BIASED MOISTURE	1851	MAX20780	130C, 85% R.H.	96	HRS	7	0
BIASED MOISTURE	1851	MAX20780	130C, 85% R.H.	96	HRS	19	0
BIASED MOISTURE	1851	MAX20780	130C, 85% R.H.	96	HRS	50	0
BIASED MOISTURE	1851	MAX20780	130C, 85% R.H.	96	HRS	30	0
BIASED MOISTURE	1851	MAX20780	130C, 85% R.H.	96	HRS	30	0
BIASED MOISTURE	1911	MAX16503GFN+T	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1911	MAX16503GFN+T	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1917	MAX16503GFN+T	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1917	MAX16503GFN+T	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1943	MAX77827BEFD+T	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1943	MAX77827BEFD+T	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1943	MAX77827BEFD+T	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1947	MAX20410AFOB/VY	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1949	87-J779Z+X00	130C, 85% R.H.	96	HRS	20	0
BIASED MOISTURE	1949	87-J779Z+X00	130C, 85% R.H.	96	HRS	20	0
BIASED MOISTURE	1949	87-J779Z+X00	130C, 85% R.H.	96	HRS	20	0

BIASED MOISTURE	1949	87-J779Z+X00	130C, 85% R.H.	96	HRS	20	0
BIASED MOISTURE	2004	MAX20410AFOB/VY	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	2004	MAX20410AFOB/VY	130C, 85% R.H.	96	HRS	80	0
<b>Total:</b>							<b>0</b>

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**UNBIASED MOISTURE RESISTANCE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
MOISTURE SOAK	1851	MAX20780	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1851	MAX20780	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1851	MAX20780	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1919	MAX20011BAFOA/VY+	130C, 85% R.H.	96	HRS	25	0
MOISTURE SOAK	1924	MAX20006EAFOD/VY+	130C, 85% R.H.	96	HRS	30	0
MOISTURE SOAK	1941	MAX98373EFF+CPP	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1943	MAX77827BEFD+T	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1943	MAX77827BEFD+T	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1943	MAX77827BEFD+T	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1944	MAX77930EFV+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1947	MAX20410AFOB/VY	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1949	MAX77960EFV+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	2004	MAX20410AFOB/VY	130C, 85% R.H.	96	HRS	80	0
<b>Total:</b>							<b>0</b>

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**Assembly Information:**

Package Type: QFN (Pb-Free)

Date Code Range: to

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**OPERATING LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE		MAX25105EQP/V+	125°C	192	HRS	80	0
<b>Total:</b>							<b>0</b>

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**PACKAGE TESTS**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
CONVECTION REFLOW		MAX25105EQP/V+	JESD22-B102, COND C (245C)	3	PASS	350	0
CONVECTION REFLOW		MAX25105EQP/V+		3	PASS	350	0
<b>Total:</b>							<b>0</b>

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**STORAGE LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE		MAX25105EQP/V+	150°C	1000	HRS	80	0
STORAGE LIFE		MAX25105EQP/V+	150°C	1000	HRS	80	0
<b>Total:</b>							<b>0</b>

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**TEMPERATURE CYCLE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL		MAX25105EQP/V+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL		MAX25105EQP/V+	-65C TO +150C (Condition C)	500 CYS	43669	0	
TEMP CYCLE, 5' RAMP, 10' DWELL		MAX25105EQP/V+	-65C TO +150C (Condition C)	1000 CYS	80	0	
					<b>Total:</b>	<b>0</b>	

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**TEMPERATURE HUMIDITY BIAS**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
BIASED MOISTURE		MAX25105EQP/V+	130C, 85% R.H.	476 HRS	80	0	
BIASED MOISTURE		MAX25105EQP/V+	130C, 85% R.H.	476 HRS	80	0	
					<b>Total:</b>	<b>0</b>	

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**UNBIASED MOISTURE RESISTANCE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
MOISTURE SOAK		MAX25105EQP/V+	130C, 85% R.H.	96 HRS	80	0	
MOISTURE SOAK		MAX25105EQP/V+	130C, 85% R.H.	96 HRS	80	0	
MOISTURE SOAK		MAX25105EQP/V+	130C, 85% R.H.	96 HRS	80	0	
					<b>Total:</b>	<b>0</b>	

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**Assembly Information:**

Package Type: SFN  
Date Code Range: 1938 to 1938

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**OPERATING LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	1938	DS28E38G+T	125°C	1000 HRS	45	0	
HIGH TEMP OP LIFE	1938	DS28E38G+T	125°C	1000 HRS	45	0	
HIGH TEMP OP LIFE	1938	DS28E38G+T	125°C	1000 HRS	45	0	
					<b>Total:</b>	<b>0</b>	

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**STORAGE LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE	1938	DS28E38G+T	150°C	1000 HRS	80	0	
STORAGE LIFE	1938	DS28E38G+T	150°C	1000 HRS	80	0	
STORAGE LIFE	1938	DS28E38G+T	150°C	1000 HRS	80	0	
					<b>Total:</b>	<b>0</b>	

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**TEMPERATURE CYCLE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL	1938	DS28E38G+T	-65C TO +150C (Condition C)	1000 CYS	80	0	



TEMP CYCLE, 5' RAMP, 10' DWELL	1938	DS28E38G+T	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1938	DS28E38G+T	-65C TO +150C (Condition C)	1000	CYS	80	0
<b>Total:</b>						<b>0</b>	<b>0</b>

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#### TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
BIASED MOISTURE	1938	DS28E38G+T	85 C/85% R.H.	1000	HRS	48	0
BIASED MOISTURE	1938	DS28E38G+T	85 C/85% R.H.	1000	HRS	48	0
BIASED MOISTURE	1938	DS28E38G+T	85 C/85% R.H.	1000	HRS	48	0
<b>Total:</b>						<b>0</b>	<b>0</b>

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#### Assembly Information:

Package Type: TQFN  
Date Code Range: 1803 to 1803

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#### TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL	1803	MAX16936RATEA/V+ CU	-65C TO +150C (Condition C)	500	CYS	80	0
<b>Total:</b>						<b>0</b>	<b>0</b>

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#### Assembly Information:

Package Type: TQFN (Pb-Free)  
Date Code Range: 1818 to 1948

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#### OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	1818	MAX16076ATP/V+CN A	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1819	MAX5090AATE+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1821	MAX16984RATI/V+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1823	MAX14908ETK+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1833	MAX16047ETN+	125°C	1000	HRS	32	0
HIGH TEMP OP LIFE	1835	MAX16984RATI/V+	125°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1842	MAX5487ETE+T	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1843	MAX2900ETI+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1843	MAX2900ETI+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1846	MAX2172ETL/V+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1847	MAX16826BATJ/V+	125°C	1000	HRS	46	0
HIGH TEMP OP LIFE	1847	MAX16826BATJ/V+	125°C	1000	HRS	34	0
HIGH TEMP OP LIFE	1848	MAX8556ETE+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1848	MAX2034CTM+	125°C	1000	HRS	32	0
HIGH TEMP OP LIFE	1850	MAX9295DGTM/V+T	125°C	192	HRS	80	0

HIGH TEMP OP LIFE	1901	MAX16826ATJ+	125°C	500	HRS	46	0
HIGH TEMP OP LIFE	1901	MAX16826ATJ+	125°C	1000	HRS	31	0
HIGH TEMP OP LIFE	1907	MAX2136AETJ/V+	125°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1911	MAX14808ETK+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1912	MAX16076ATP/V+CN A	125°C	192	HRS	80	0
HIGH TEMP OP LIFE	1912	MAX16076ATP/V+CN A	125°C	1000	HRS	42	0
HIGH TEMP OP LIFE	1912	MAX16076ATP/V+CN A	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1923	MAX16984RATI/V+	125°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1948	MAX16826BATJ/V+	125°C	96	HRS	46	0
HIGH TEMP OP LIFE	1948	MAX16826BATJ/V+	125°C	1000	HRS	34	0
<b>Total:</b>						<b>0</b>	<b>0</b>

### PACKAGE TESTS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
CONVECTION REFLOW		MAX3738ETG+	85 C/85% R.H.	3	PASS	100	0
CONVECTION REFLOW	1847	MAX16826BATJ/V+		3	PASS	320	0
CONVECTION REFLOW	1848	MAX8556ETE+		3	PASS	320	0
CONVECTION REFLOW	1902	MAX11128ATI/V+	85 C/85% R.H.	3	PASS	350	0
CONVECTION REFLOW	1902	MAX11128ATI/V+	85 C/85% R.H.	3	PASS	350	0
CONVECTION REFLOW	1902	MAX2308ETI+	260C +0/-5C	3	PASS	320	0
CONVECTION REFLOW	1907	MAX5550ETE+	260C +0/-5C	3	PASS	274	0
CONVECTION REFLOW	1907	MAX2136AETJ/V+	260C +0/-5C	3	PASS	310	0
CONVECTION REFLOW	1907	MAX20003TPB/V+CP 7	260C +0/-5C	3	PASS	318	0
CONVECTION REFLOW	1908	MAX20021ATIA/V+	260C +0/-5C	3	PASS	350	0
CONVECTION REFLOW	1908	MAX16984RATI/V+	260C +0/-5C	3	PASS	350	0
BOND CRATER	1908	MAX16984RATI/V+		1	PASS	20	0
CONVECTION REFLOW	1910	MAX96706GTJ/V+T	260C +0/-5C	3	PASS	320	0
CONVECTION REFLOW	1910	MAX96712GTB/V+	260C +0/-5C	3	PASS	80	0
CONVECTION REFLOW	1912	MAX96912EGTM/VY +	260C +0/-5C	3	PASS	328	0
CONVECTION REFLOW	1912	MAX96912EGTM/VY +	260C +0/-5C	3	PASS	81	0
CONVECTION REFLOW	1912	MAX96912EGTM/VY +	260C +0/-5C	3	PASS	296	0
CONVECTION REFLOW	1912	MAX96912EGTM/VY +	260C +0/-5C	3	PASS	83	0
CONVECTION REFLOW	1912	MAX96912EGTM/VY +	260C +0/-5C	3	PASS	346	0
CONVECTION REFLOW	1912	MAX96912EGTM/VY +	260C +0/-5C	3	PASS	82	0

CONVECTION REFLOW	1915	MAX20021ATIA/V+	260C +0/-5C	3	PASS	350	0
CONVECTION REFLOW	1917	MAX20022ATIB/V+	260C +0/-5C	3	PASS	350	0
CONVECTION REFLOW	1923	MAX16984RATI/V+		3	PASS	320	0
CONVECTION REFLOW	1935	MAX1358BETL+		3	PASS	319	0
CONVECTION REFLOW	1948	MAX16826BATJ/V+		3	PASS	320	0
<b>Total:</b>							<b>0</b>

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### STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE		MAX20028ATJA/VY	150°C	1000 HRS	50	0	
STORAGE LIFE	1821	MAX16984RATI/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1833	MAX16047ETN+	150°C	1000 HRS	80	0	
STORAGE LIFE	1845	MAX5090BATE+	150°C	1000 HRS	80	0	
STORAGE LIFE	1845	MAX1564ETE+	150°C	1000 HRS	80	0	
STORAGE LIFE	1901	MAX16826ATJ+	150°C	1000 HRS	80	0	
STORAGE LIFE	1902	MAX11128ATI/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1902	MAX11128ATI/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1902	MAX11128ATI/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1902	MAX2308ETI+	150°C	1000	80	0	
STORAGE LIFE	1907	MAX2136AETJ/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1911	MAX14808ETK+	150°C	1000 HRS	78	0	
STORAGE LIFE	1912	MAX96912EGTM/VY +	150°C	1000 HRS	80	0	
STORAGE LIFE	1912	MAX96912EGTM/VY +	150°C	1000 HRS	80	0	
STORAGE LIFE	1912	MAX96912EGTM/VY +	150°C	1000 HRS	80	0	
STORAGE LIFE	1923	MAX16984RATI/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1935	MAX1358BETL+	150°C	1000 HRS	80	0	
STORAGE LIFE	1948	MAX16826BATJ/V+	150°C	1000 HRS	80	0	
<b>Total:</b>							<b>0</b>

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### TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL		MAX20028ATJA/VY	-65C TO +150C (Condition C)	1000 CYS	76	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1821	MAX16984RATI/V+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1847	MAX16826BATJ/V+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1848	MAX8556ETE+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1901	MAX16826ATJ+	-65C TO +150C (Condition C)	1000 CYS	80	0	

TEMP CYCLE, 5' RAMP, 10' DWELL	1902	MAX2308ETI+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1907	MAX5550ETE+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1907	MAX20003TPB/V+CP 7	-65C TO +150C (Condition C)	1000	CYS	79	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1910	MAX96706GTJ/V+T	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1911	MAX14808ETK+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1912	MAX96912EGTM/VY +	-65C TO +150C (Condition C)	1000	CYS	90	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1923	MAX16984RATI/V+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1935	MAX1358BETL+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1948	MAX16826BATJ/V+	-65C TO +150C (Condition C)	1000	CYS	80	0
<b>Total:</b>						<b>0</b>	<b>0</b>

### TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
BIASED MOISTURE		MAX20028ATJA/VY	130C, 85% R.H.	96	HRS	75	0
BIASED MOISTURE		MAX20028ATJA/VY	130C, 85% R.H.	96	HRS	75	0
BIASED MOISTURE	1823	MAX14908ETK+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1831	MAX16826BATJ+	130C, 85% R.H.	96	HRS	21	0
BIASED MOISTURE	1831	MAX16826BATJ+	130C, 85% R.H.	96	HRS	78	0
BIASED MOISTURE	1831	MAX16826BATJ+	130C, 85% R.H.	96	HRS	39	0
BIASED MOISTURE	1831	MAX16826BATJ+	130C, 85% R.H.	96	HRS	79	0
BIASED MOISTURE	1831	MAX16826BATJ+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1831	MAX16826BATJ+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1831	MAX16826BATJ+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1833	MAX16047ETN+	130C, 85% R.H.	96	HRS	38	0
BIASED MOISTURE	1842	MAX5487ETE+T	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1843	MAX5992BETG+	130C, 85% R.H.	96	HRS	17	0
BIASED MOISTURE	1843	MAX5992BETG+	130C, 85% R.H.	96	HRS	18	0
BIASED MOISTURE	1843	MAX5992BETG+	130C, 85% R.H.	96	HRS	18	0
BIASED MOISTURE	1843	MAX2900ETI+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1843	MAX2900ETI+	130C, 85% R.H.	96	HRS	39	0
BIASED MOISTURE	1845	MAX1564ETE+	130C, 85% R.H.	96	HRS	79	0
BIASED MOISTURE	1846	MAX2172ETL/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1847	MAX16826BATJ/V+	130C, 85% R.H.	96	HRS	39	0
BIASED MOISTURE	1847	MAX16826BATJ/V+	130C, 85% R.H.	96	HRS	39	0
BIASED MOISTURE	1848	MAX8556ETE+	130C, 85% R.H.	96	HRS	80	0

BIASED MOISTURE	1848	MAX2034CTM+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1901	MAX16826ATJ+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1902	MAX11128ATI/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1902	MAX2308ETI+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1908	MAX20021ATIA/V+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1911	MAX14808ETK+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1912	MAX96912EGTM/VY +	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1912	MAX96912EGTM/VY +	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1912	MAX96912EGTM/VY +	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1923	MAX16984RATI/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1948	MAX16826BATJ/V+	130C, 85% R.H.	96	HRS	80	0
<b>Total:</b>						<b>0</b>	<b>0</b>

### UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
MOISTURE SOAK	1821	MAX16984RATI/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1842	MAX5487ETE+T	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1846	MAX2172ETL/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1901	MAX16826ATJ+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1902	MAX11128ATI/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1902	MAX11128ATI/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1902	MAX11128ATI/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1907	MAX5550ETE+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1907	MAX2136AETJ/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1910	MAX96706GTJ/V+T	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1912	MAX96912EGTM/VY +	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1935	MAX1358BETL+	130C, 85% R.H.	96	HRS	80	0
<b>Total:</b>						<b>0</b>	<b>0</b>

### Assembly Information:

Package Type: TQFN-CU (Pb-Free)

Date Code Range: 1522 to 2004

### OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE		MAX17662AATE+	125°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1522	MAX2142GTM/V+	125°C	1000	HRS	114	0
HIGH TEMP OP LIFE	1732	MAXQ699	125°C	1000	HRS	80	0

HIGH TEMP OP LIFE	1834	MAX20069GTL/V+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1834	MAX20069GTL/V+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1835	MAX16984RATI/V+	125°C	500	HRS	79	0
HIGH TEMP OP LIFE	1837	MAX20046GTC/V+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1837	MAX20046GTC/V+	125°C	500	HRS	80	0
HIGH TEMP OP LIFE	1840	MAX20040BATPA/VY	125°C	1000	HRS	43	0
		+					
HIGH TEMP OP LIFE	1840	MAX20040BATPA/VY	125°C	1000	HRS	36	0
		+					
HIGH TEMP OP LIFE	1848	MAX2034CTM+	125°C	500	HRS	48	0
HIGH TEMP OP LIFE	1849	MAX20002ATPB/V+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1850	MAX17761XATC+	125°C	1000	HRS	78	0
HIGH TEMP OP LIFE	1850	MAX20428ATIA/VY+	125°C	192	HRS	80	0
HIGH TEMP OP LIFE	1850	MAX20428ATIA/VY+	125°C	1000	HRS	40	0
HIGH TEMP OP LIFE	1850	MAX20428ATIA/VY+	125°C	1000	HRS	40	0
HIGH TEMP OP LIFE	1851	MAX20030BATMK/V	125°C	1000	HRS	78	0
		+					
HIGH TEMP OP LIFE	1902	MAX11128ATI/V+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1902	MAX11128ATI/V+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1902	MAX11128ATI/V+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1903	DS4836GGTL+	125°C	192	HRS	80	0
HIGH TEMP OP LIFE	1904	MAX21610ATJA/V+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1904	MAX20029ATID/V+	125°C	2000	HRS	80	0
HIGH TEMP OP LIFE	1907	MAX25601AATJ/VY+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1907	MAX2136AETJ/V+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1908	MAX20021ATIA/V+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1908	MAX16984RATI/V+	125°C	1000	HRS	72	0
HIGH TEMP OP LIFE	1908	MAX20040BATPA/VY	125°C	1000	HRS	80	0
		+					
HIGH TEMP OP LIFE	1909	MAX16610	125°C	192	HRS	48	0
HIGH TEMP OP LIFE	1909	MAX16610	125°C	1000	HRS	45	0
HIGH TEMP OP LIFE	1909	MAX16610	125°C	1000	HRS	45	0
HIGH TEMP OP LIFE	1909	MAX16610	125°C	1000	HRS	45	0
HIGH TEMP OP LIFE	1910	MAX96712GTB/V+	125°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1911	MAX17662AATE+	125°C	1000	HRS	78	0
HIGH TEMP OP LIFE	1911	MAX17662AATE+	125°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1911	MAX25201AETA/VY+	125°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1911	MAX98357AETE+	125°C	1000	HRS	78	0
HIGH TEMP OP LIFE	1912	MAX96912EGTM/VY	125°C	1000	HRS	80	0
		+					

HIGH TEMP OP LIFE	1912	MAX96912EGTM/VY 125°C +	1000 HRS	75	0
HIGH TEMP OP LIFE	1912	MAX96912EGTM/VY 125°C +	1000 HRS	2	0
HIGH TEMP OP LIFE	1912	MAX96912EGTM/VY 125°C +	1000 HRS	78	0
HIGH TEMP OP LIFE	1912	MAX20428ATIA/VY+ 125°C	192 HRS	80	0
HIGH TEMP OP LIFE	1912	MAX40661ATB/VY+T 125°C	192 HRS	79	0
HIGH TEMP OP LIFE	1914	MAX96712GTB/VY+ 125°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1914	MAX16930BATLS/V+ 125°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1916	ENGAY17BTTI+ 125°C	192 HRS	80	0
HIGH TEMP OP LIFE	1917	MAX20098ATEAK/VY 125°C +	1000 HRS	80	0
HIGH TEMP OP LIFE	1917	MAX22515ATG+ 125°C	192 HRS	80	0
HIGH TEMP OP LIFE	1918	MAX20098ATEAK/VY 125°C +	1000 HRS	79	0
HIGH TEMP OP LIFE	1918	MAX11128ATI/V+T 125°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1919	MAX20418ATGB/V+ 125°C	192 HRS	98	0
HIGH TEMP OP LIFE	1921	MAX2172ETL/V+ 125°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1924	MAX17690ATE/V+ 125°C	192 HRS	80	0
HIGH TEMP OP LIFE	1925	MAX20081ATNK/V+ 125°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1925	MAX20081ATNK/V+ 125°C	1000 HRS	79	0
HIGH TEMP OP LIFE	1925	MAX20081ATNK/V+ 125°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1926	MAX14908ETK+ 125°C	1000 HRS	81	0
HIGH TEMP OP LIFE	1929	MAX17662BATE+ 125°C	1000 HRS	77	0
HIGH TEMP OP LIFE	1931	MAX14906ATM+ 125°C	192 HRS	80	0
HIGH TEMP OP LIFE	1935	MAX1257BETM+ 125°C	96 HRS	48	0
HIGH TEMP OP LIFE	1936	MAX20430ATIA/VY+ 125°C	192 HRS	80	0
HIGH TEMP OP LIFE	1936	MAX20430ATIA/VY+ 125°C	12 HRS	80	0
HIGH TEMP OP LIFE	1937	MAX40662ATE/VY+ 125°C	192 HRS	80	0
HIGH TEMP OP LIFE	1940	MAX25024ATG/V+ 125°C	192 HRS	80	0
HIGH TEMP OP LIFE	1940	MAX25024ATG/V+ 125°C	12 HRS	80	0
HIGH TEMP OP LIFE	1943	MAX25605ATP/VY+ 125°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1943	MAX14808ETK+ 125°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1944	MAX25249ATPC/VY+ 125°C	192 HRS	67	0
HIGH TEMP OP LIFE	1944	MAX25249ATPC/VY+ 125°C	192 HRS	13	0
HIGH TEMP OP LIFE	1945	MAX2172ETL+ 125°C	1000 HRS	80	0
				<b>Total:</b>	<b>0</b>

#### PACKAGE TESTS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
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CONVECTION REFLOW		MAX17662AATE+	260C +/-5C	3	PASS	500	0
CONVECTION REFLOW		ENGAY17BTTI+		3	PASS	97	0
CONVECTION REFLOW		ENGAY17BTTI+		3	PASS	100	0
CONVECTION REFLOW		ENGAY17BTTI+		3	PASS	100	0
CONVECTION REFLOW		ENGAY17BTTI+		3	PASS	400	0
CONVECTION REFLOW		ENGAY17BTTI+		3	PASS	400	0
CONVECTION REFLOW		ENGAY17BTTI+		3	PASS	400	0
CONVECTION REFLOW		MAX11128ATI/V+T		3	PASS	350	0
CONVECTION REFLOW		MAX11128ATI/V+T		3	PASS	350	0
CSAM	1810	MAX20049ATEA/VY+		1	PASS	22	0
CSAM	1810	MAX20049ATEA/VY+		1	PASS	22	0
CSAM	1810	MAX20049ATEA/VY+		1	PASS	22	0
SOLDERABILITY	1810	MAX20049ATEA/VY+	JESD22-B102, COND C (245C)	1	PASS	15	0
CSAM	1811	MAX20049ATEA/VY+		1	PASS	22	0
CSAM	1811	MAX20049ATEA/VY+		1	PASS	22	0
CSAM	1811	MAX20049ATEA/VY+		1	PASS	22	0
CSAM	1811	MAX20049ATEA/VY+		1	PASS	22	0
CSAM	1812	MAX20049ATEA/VY+		1	PASS	22	0
CSAM	1812	MAX20049ATEA/VY+		1	PASS	22	0
CSAM	1812	MAX20049ATEA/VY+		1	PASS	22	0
CONVECTION REFLOW	1821	MAX16984RATI/V+		3	PASS	320	0
CSAM	1832	MAX20049ATEB/VY+		1	PASS	22	0
CSAM	1832	MAX20049ATEB/VY+		1	PASS	22	0
CSAM	1832	MAX20049ATEB/VY+		1	PASS	22	0
CONVECTION REFLOW	1849	MAX20002ATPB/V+		3	PASS	320	0
CSAM	1850	MAX20428ATIA/VY+		1	PASS	22	0
CSAM	1850	MAX20428ATIA/VY+		1000		22	0
PLATING THICKNESS	1850	MAX20428ATIA/VY+	130C, 85% R.H.	1	PASS	2	0
CSAM	1850	MAX20428ATIA/VY+		1	PASS	22	0
CSAM	1850	MAX20428ATIA/VY+		96		22	0
CSAM	1850	MAX20428ATIA/VY+	130C, 85% R.H.	1	PASS	22	0
CSAM	1850	MAX20428ATIA/VY+		1000		22	0
BOND CRATER	1850	MAX20428ATIA/VY+		1	PASS	20	0
PLATING THICKNESS	1850	MAX20428ATIA/VY+		1	PASS	2	0
PLATING THICKNESS	1850	MAX20428ATIA/VY+		1	PASS	2	0
SOLDERABILITY	1850	MAX20428ATIA/VY+	JESD22-B102, COND C (245C)	1	PASS	15	0
Bond Shear	1850	MAX20428ATIA/VY+		1	PASS	3	0



BOND PULL	1850	MAX20428ATIA/VY+		1	PASS	3	0
BOND PULL	1850	MAX20428ATIA/VY+		1	PASS	3	0
CSAM	1850	MAX20428ATIA/VY+		1	PASS	22	0
CSAM	1850	MAX20428ATIA/VY+	130C, 85% R.H.	1	PASS	22	0
CSAM	1850	MAX20428ATIA/VY+		500		22	0
PLATING THICKNESS	1850	MAX20428ATIA/VY+		1	PASS	2	0
PLATING THICKNESS	1850	MAX20428ATIA/VY+	130C, 85% R.H.	1	PASS	2	0
PLATING THICKNESS	1850	MAX20428ATIA/VY+		1	PASS	2	0
SOLDERABILITY	1850	MAX20428ATIA/VY+	JESD22-B102, COND C (245C)	1	PASS	15	0
BOND PULL	1850	MAX20428ATIA/VY+	130C, 85% R.H.	1	PASS	3	0
BOND PULL	1850	MAX20428ATIA/VY+		1	PASS	3	0
BOND PULL	1850	MAX20428ATIA/VY+	130C, 85% R.H.	1	PASS	3	0
CSAM	1851	MAX20030BATMK/V +		1	PASS	25	0
CONVECTION REFLOW	1851	MAX20030BATMK/V +	130C, 85% R.H.	3	PASS	484	0
BOND PULL	1851	MAX20030BATMK/V +	125°C	1	PASS	20	0
CSAM	1851	MAX20030BATMK/V +		1	PASS	25	0
CONVECTION REFLOW	1851	MAX20030BATMK/V +	260C +0/-5C	3	PASS	468	0
BOND PULL	1851	MAX20030BATMK/V +	130C, 85% R.H.	1	PASS	20	0
CSAM	1851	MAX20030BATMK/V +		1	PASS	25	0
CONVECTION REFLOW	1851	MAX20030BATMK/V +	260C +0/-5C	3	PASS	500	0
BOND PULL	1851	MAX20030BATMK/V +		1	PASS	10	0
BOND PULL	1908	MAX20021ATIA/V+	150°C	1	PASS	200	0
CONVECTION REFLOW	1909	MAX16610	260C +0/-5C	3	PASS	400	0
CONVECTION REFLOW	1909	MAX16610	260C +0/-5C	3	PASS	400	0
CONVECTION REFLOW	1909	MAX16610	260C +0/-5C	3	PASS	399	0
CONVECTION REFLOW	1909	MAX77596ETBC+TC MR	260C +0/-5C	3	PASS	264	0
CONVECTION REFLOW	1910	MAX20098ATEG/VY	150°C	3	PASS	70	0
CONVECTION REFLOW	1911	MAX17662AATE+	260C +0/-5C	3	PASS	499	0
CONVECTION REFLOW	1911	MAX17662AATE+	260C +0/-5C	3	PASS	499	0
CONVECTION REFLOW	1912	MAX40661ATB/VY+T	260C +0/-5C	3	PASS	350	0
CONVECTION REFLOW	1912	MAX40661ATB/VY+T	260C +0/-5C	3	PASS	349	0
CONVECTION REFLOW	1912	MAX40661ATB/VY+T	260C +0/-5C	3	PASS	331	0
CONVECTION REFLOW	1914	MAX96712GTB/VY+	130C, 85% R.H.	3	PASS	400	0

PHYSICAL DIMENSION	1914	MAX96712GTB/VY+		1	PASS	15	0
BOND CRATER	1914	MAX96712GTB/VY+	130C, 85% R.H.	1	PASS	20	0
SOLDERABILITY	1914	MAX96712GTB/VY+	150°C	1	PASS	15	0
BOND PULL	1914	MAX96712GTB/VY+	125°C	1	PASS	20	0
CONVECTION REFLOW	1914	MAX96712GTB/VY+	130C, 85% R.H.	3	PASS	400	0
PHYSICAL DIMENSION	1914	MAX96712GTB/VY+		1	PASS	15	0
BOND CRATER	1914	MAX96712GTB/VY+	JESD22-B100	1	PASS	20	0
SOLDERABILITY	1914	MAX96712GTB/VY+	130C, 85% R.H.	1	PASS	15	0
BOND PULL	1914	MAX96712GTB/VY+	> 5 GMS	1	PASS	80	0
CONVECTION REFLOW	1914	MAX96712GTB/VY+	130C, 85% R.H.	3	PASS	230	0
CSAM	1917	MAX20098ATEAK/VY	150°C	1	PASS	22	0
		+					
CSAM	1917	MAX20098ATEAK/VY		1	PASS	22	0
		+					
CONVECTION REFLOW	1917	MAX20098ATEAK/VY	130C, 85% R.H.	3	PASS	499	0
		+					
BOND PULL	1917	MAX20098ATEAK/VY	130C, 85% R.H.	1	PASS	20	0
		+					
CSAM	1917	MAX20098ATEAK/VY		1	PASS	22	0
		+					
CSAM	1917	MAX20098ATEAK/VY		1	PASS	22	0
		+					
CONVECTION REFLOW	1917	MAX20098ATEAK/VY		3	PASS	500	0
		+					
BOND PULL	1917	MAX20098ATEAK/VY	> 5 GMS	1	PASS	20	0
		+					
CSAM	1918	MAX20081ATNK/V+	150°C	1	PASS	22	0
CSAM	1918	MAX20081ATNK/V+		1	PASS	22	0
CONVECTION REFLOW	1918	MAX20081ATNK/V+	130C, 85% R.H.	3	PASS	500	0
BOND CRATER	1918	MAX20081ATNK/V+	125°C	1	PASS	20	0
BOND PULL	1918	MAX20081ATNK/V+		1	PASS	20	0
CSAM	1918	MAX20081ATNK/V+	130C, 85% R.H.	1	PASS	22	0
CSAM	1918	MAX20081ATNK/V+		1	PASS	22	0
CONVECTION REFLOW	1918	MAX20081ATNK/V+		3	PASS	500	0
BOND CRATER	1918	MAX20081ATNK/V+		1	PASS	20	0
BOND PULL	1918	MAX20081ATNK/V+	125°C	1	PASS	20	0
CSAM	1918	MAX20081ATNK/V+	130C, 85% R.H.	1	PASS	22	0
CSAM	1918	MAX20081ATNK/V+		1	PASS	22	0
CONVECTION REFLOW	1918	MAX20081ATNK/V+		3	PASS	499	0
BOND CRATER	1918	MAX20081ATNK/V+		1	PASS	20	0
BOND PULL	1918	MAX20081ATNK/V+	125°C	1	PASS	20	0
CSAM	1918	MAX20098ATEAK/VY		1	PASS	22	0
		+					

CSAM	1918	MAX20098ATEAK/VY +	1	PASS	22	0
CONVECTION REFLOW	1918	MAX20098ATEAK/VY 125°C +	3	PASS	499	0
BOND PULL	1918	MAX20098ATEAK/VY 130C, 85% R.H. +	1	PASS	20	0
CONVECTION REFLOW	1921	MAX20428ATIA/VY+	3	PASS	170	0
CONVECTION REFLOW	1925	MAX20012BATJH/VY +T	3	PASS	335	0
BOND PULL	1925	MAX20012BATJH/VY > 5 GMS +T	1	PASS	10	0
CONVECTION REFLOW	1925	MAX20012BATJH/VY JESD22-B102, COND C (245C) +T	3	PASS	335	0
BOND PULL	1925	MAX20012BATJH/VY > 5 GMS +T	1	PASS	10	0
CONVECTION REFLOW	1925	MAX20012BATJH/VY 125°C +T	3	PASS	335	0
BOND PULL	1925	MAX20012BATJH/VY > 5 GMS +T	1	PASS	10	0
CONVECTION REFLOW	1926	MAX20002ATPA/V+ 130C, 85% R.H.	3	PASS	350	0
CONVECTION REFLOW	1926	MAX20003ATPB/V+	3	PASS	350	0
BOND PULL	1926	MAX20003ATPB/V+ > 5 GMS	1	PASS	10	0
BOND PULL	1926	MAX20003ATPB/V+ > 5 GMS	1	PASS	10	0
CONVECTION REFLOW	1926	MAX14908ETK+	3	PASS	320	0
CONVECTION REFLOW	1927	MAX20003ATPB/V+ 150°C	3	PASS	335	0
CONVECTION REFLOW	1927	MAX96712GTB/VY+ JESD22-B100	3	PASS	400	0
PHYSICAL DIMENSION	1927	MAX96712GTB/VY+	1	PASS	15	0
BOND CRATER	1927	MAX96712GTB/VY+ 130C, 85% R.H.	1	PASS	20	0
SOLDERABILITY	1927	MAX96712GTB/VY+	1	PASS	15	0
BOND PULL	1927	MAX96712GTB/VY+	1	PASS	20	0
CONVECTION REFLOW	1928	MAX16984RATI/V+ 125°C	3	PASS	200	0
CONVECTION REFLOW	1928	MAX20428ATIA/VY+ 125°C	3	PASS	200	0
CONVECTION REFLOW	1931	MAX22999ATU+	3	PASS	245	0
CONVECTION REFLOW	1935	MAX1257BETM+	3	PASS	320	0
CONVECTION REFLOW	1935	MAX16961RATEA/V+	3	PASS	80	0
CONVECTION REFLOW	1939	MAX96785GTN/V+	3	PASS	150	0
CONVECTION REFLOW	1942	MAX14866UTM+	3	PASS	285	0
CONVECTION REFLOW	1943	MAX14808ETK+	3	PASS	320	0
CONVECTION REFLOW	1945	MAX2172ETL+	3	PASS	320	0
CONVECTION REFLOW	1946	MAX9979KCTK+	3	PASS	320	0
CONVECTION REFLOW	1950	MAX16962SATEA/V+	3	PASS	80	0
CONVECTION REFLOW	2004	MAX16962SATEA/V+	3	PASS	80	0
<b>Total:</b>					<b>0</b>	<b>0</b>

**STORAGE LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE		MAX17662AATE+	150°C	1000 HRS	80	0	
STORAGE LIFE	1823	MAX14908ETK+	150°C	1000 HRS	80	0	
STORAGE LIFE	1842	MAX5487ETE+T	150°C	1000 HRS	80	0	
STORAGE LIFE	1849	MAX20002ATPB/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1850	MAX17761XATC+	150°C	1000 HRS	80	0	
STORAGE LIFE	1850	MAX20428ATIA/VY+	150°C	2000 HRS	77	0	
STORAGE LIFE	1851	MAX20030BATMK/V +	150°C	1000 HRS	80	0	
STORAGE LIFE	1851	MAX20030BATMK/V +	150°C	1000 HRS	80	0	
STORAGE LIFE	1851	MAX20030BATMK/V +	150°C	1000 HRS	80	0	
STORAGE LIFE	1907	MAX20098ATEG/VY	150°C	1000 HRS	22	0	
STORAGE LIFE	1907	MAX5550ETE+	150°C	500 HRS	80	0	
STORAGE LIFE	1909	MAX16610	150°C	1000 HRS	80	0	
STORAGE LIFE	1909	MAX16610	150°C	1000 HRS	80	0	
STORAGE LIFE	1909	MAX16610	150°C	1000 HRS	80	0	
STORAGE LIFE	1909	MAX77596ETBC+TC MR	150°C	1000 HRS	80	0	
STORAGE LIFE	1910	MAX20098ATEG/VY	150°C	1000 HRS	22	0	
STORAGE LIFE	1910	MAX96706GTJ/V+T	150°C	1000 HRS	80	0	
STORAGE LIFE	1911	MAX17662AATE+	150°C	1000 HRS	80	0	
STORAGE LIFE	1911	MAX17662AATE+	150°C	1000 HRS	80	0	
STORAGE LIFE	1911	MAX98357AETE+	150°C	1000 HRS	80	0	
STORAGE LIFE	1914	MAX96712GTB/VY+	150°C	1000 HRS	80	0	
STORAGE LIFE	1914	MAX96712GTB/VY+	150°C	1000 HRS	80	0	
STORAGE LIFE	1914	MAX96712GTB/VY+	150°C	1000 HRS	80	0	
STORAGE LIFE	1915	MAX20021ATIA/V+	150°C	500 HRS	80	0	
STORAGE LIFE	1917	MAX20022ATIB/V+	150°C	500 HRS	80	0	
STORAGE LIFE	1917	MAX20098ATEAK/VY +	150°C	1000 HRS	79	0	
STORAGE LIFE	1918	MAX11128ATI/V+T	150°C	1000 HRS	79	0	
STORAGE LIFE	1921	MAX2172ETL/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1925	MAX20081ATNK/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1925	MAX20081ATNK/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1925	MAX20081ATNK/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1927	MAX20003ATPB/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1935	MAX1257BETM+	150°C	1000 HRS	80	0	

STORAGE LIFE	1942	MAX14866UTM+	150°C	1000	HRS	80	0
STORAGE LIFE	1943	MAX25605ATP/VY+	150°C	1000	HRS	80	0
STORAGE LIFE	1943	MAX14808ETK+	150°C	1000	HRS	80	0
STORAGE LIFE	1945	MAX2172ETL+	150°C	1000	HRS	80	0
STORAGE LIFE	1946	MAX9979KCTK+	150°C	1000	HRS	80	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		MAX11128ATI/V+T	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL		MAX11128ATI/V+T	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1810	MAX20049ATEA/VY+	-65C TO +150C (Condition C)	1000	CYS	72	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1811	MAX20049ATEA/VY+	-65C TO +150C (Condition C)	1000	CYS	71	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1812	MAX20049ATEA/VY+	-65C TO +150C (Condition C)	1000	CYS	73	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1820	MAX16990ATCD/VY+	-65C TO +150C (Condition C)	1000	CYS	24	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1823	MAX20038ATIC/VY+	-65C TO +150C (Condition C)	1000	CYS	24	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1843	MAX17662AATE+	-65C TO +150C (Condition C)	500	CYS	79	0
TEMP CYCLE, 0' RAMP, 10' DWELL	1846	MAX20028ATJA/VY+	-65C TO +150C (Condition C)	1000	CYS	50	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1849	MAX20002ATPB/V+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1850	MAX17761XATC+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1850	MAX20428ATIA/VY+	-65C TO +150C (Condition C)	1000	CYS	76	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1850	MAX20428ATIA/VY+	-65C TO +150C (Condition C)	1000	CYS	79	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1851	MAX20030BATMK/V+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1851	MAX20030BATMK/V+	-65C TO +150C (Condition C)	1000	CYS	89	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1851	MAX20030BATMK/V+	-65C TO +150C (Condition C)	1000	CYS	89	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1902	MAX11128ATI/V+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1902	MAX11128ATI/V+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1902	MAX11128ATI/V+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1907	MAX2136AETJ/V+	-65C TO +150C (Condition C)	1000	CYS	80	0

TEMP CYCLE, 5' RAMP, 10' DWELL	1908	MAX20021ATIA/V+	-65C TO +150C (Condition C)	1000 CYS	79	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1908	MAX16984RATI/V+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1909	MAX16610	-65C TO +150C (Condition C)	1000 CYS	79	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1909	MAX77596ETBC+TC MR	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1910	MAX20098ATEG/VY	-65C TO +150C (Condition C)	1000 CYS	22	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1911	MAX17662AATE+	-65C TO +150C (Condition C)	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1911	MAX17662AATE+	-65C TO +150C (Condition C)	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1912	MAX96912EGTM/VY +	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1912	MAX96912EGTM/VY +	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 0' RAMP, 10' DWELL	1912	MAX96912EGTM/VY +	-40C TO +125C (Condition B)	1000 CYS	45	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1913	MAX20038ATIC/VY+	-65C TO +150C (Condition C)	1000 CYS	22	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1914	MAX96712GTB/VY+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1914	MAX96712GTB/VY+	-65C TO +150C (Condition C)	1000 CYS	20	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1914	MAX96712GTB/VY+	-65C TO +150C (Condition C)	500 CYS	100	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1917	MAX20098ATEAK/VY +	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1918	MAX20098ATEAK/VY +	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1918	MAX11128ATI/V+T	-65C TO +150C (Condition C)	500 CYS	90	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1921	MAX2172ETL/V+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1925	MAX20081ATNK/V+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1925	MAX20081ATNK/V+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1925	MAX20081ATNK/V+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1926	MAX14908ETK+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1926	MAX98357AETE+	-65C TO +150C (Condition C)	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1927	MAX5550ETE+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1935	MAX1257BETM+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 0' RAMP, 10' DWELL	1939	MAX96785GTN/V+	-40C TO +125C (Condition B)	1000 CYS	45	0

TEMP CYCLE, 5' RAMP, 10' DWELL	1942	MAX14866UTM+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1943	MAX25605ATP/VY+	-65C TO +150C (Condition C)	200	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1943	MAX14808ETK+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1945	MAX2172ETL+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1946	MAX9979KCTK+	-65C TO +150C (Condition C)	1000	CYS	80	0
<b>Total:</b>						<b>0</b>	<b>0</b>

**TEMPERATURE HUMIDITY BIAS**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
BIASED MOISTURE		MAX17662AATE+	130C, 85% R.H.	96	HRS	78	0
BIASED MOISTURE		ENGAY17BTTI+	130C, 85% R.H.	96	HRS	76	0
BIASED MOISTURE		ENGAY17BTTI+	130C, 85% R.H.	96	HRS	77	0
BIASED MOISTURE		ENGAY17BTTI+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE		MAX11128ATI/V+T	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE		MAX11128ATI/V+T	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1810	MAX20049ATEA/VY+	130C, 85% R.H.	192	HRS	68	0
BIASED MOISTURE	1811	MAX20049ATEA/VY+	130C, 85% R.H.	192	HRS	72	0
BIASED MOISTURE	1812	MAX20049ATEA/VY+	130C, 85% R.H.	96	HRS	77	0
BIASED MOISTURE	1832	MAX20049ATEB/VY+	130C, 85% R.H.	192	HRS	78	0
BIASED MOISTURE	1832	MAX20049ATEB/VY+	130C, 85% R.H.	192	HRS	33	0
BIASED MOISTURE	1832	MAX20049ATEB/VY+	130C, 85% R.H.	192	HRS	78	0
BIASED MOISTURE	1842	MAX9288GTM/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1843	MAX5992BETG+	130C, 85% R.H.	96	HRS	9	0
BIASED MOISTURE	1846	MAX20028ATJA/VY+	130C, 85% R.H.	96	HRS	83	0
BIASED MOISTURE	1850	MAX20428ATIA/VY+	130C, 85% R.H.	96	HRS	22	0
BIASED MOISTURE	1850	MAX20428ATIA/VY+	130C, 85% R.H.	192	HRS	70	0
BIASED MOISTURE	1850	MAX20428ATIA/VY+	130C, 85% R.H.	96	HRS	78	0
BIASED MOISTURE	1850	MAX20428ATIA/VY+	130C, 85% R.H.	96	HRS	22	0
BIASED MOISTURE	1850	MAX20428ATIA/VY+	130C, 85% R.H.	192	HRS	70	0
BIASED MOISTURE	1851	MAX20030BATMK/V +	130C, 85% R.H.	192	HRS	27	0
BIASED MOISTURE	1851	MAX20030BATMK/V +	130C, 85% R.H.	192	HRS	27	0
BIASED MOISTURE	1851	MAX20030BATMK/V +	130C, 85% R.H.	192	HRS	8	0
BIASED MOISTURE	1851	MAX20030BATMK/V +	130C, 85% R.H.	192	HRS	27	0
BIASED MOISTURE	1851	MAX20030BATMK/V +	130C, 85% R.H.	192	HRS	27	0

BIASED MOISTURE	1851	MAX20030BATMK/V +	130C, 85% R.H.	192	HRS	15	0
BIASED MOISTURE	1851	MAX20030BATMK/V +	130C, 85% R.H.	192	HRS	27	0
BIASED MOISTURE	1851	MAX20030BATMK/V +	130C, 85% R.H.	96	HRS	16	0
BIASED MOISTURE	1851	MAX20030BATMK/V +	130C, 85% R.H.	192	HRS	22	0
BIASED MOISTURE	1851	MAX20030BATMK/V +	130C, 85% R.H.	96	HRS	28	0
BIASED MOISTURE	1851	MAX20030BATMK/V +	130C, 85% R.H.	96	HRS	28	0
BIASED MOISTURE	1851	MAX20030BATMK/V +	130C, 85% R.H.	96	HRS	8	0
BIASED MOISTURE	1902	MAX11128ATI/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1902	MAX11128ATI/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1908	MAX20021ATIA/V+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1908	MAX16984RATI/V+	130C, 85% R.H.	96	HRS	52	0
BIASED MOISTURE	1908	MAX16984RATI/V+	130C, 85% R.H.	96	HRS	24	0
BIASED MOISTURE	1909	MAX16610	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1909	MAX16610	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1909	MAX16610	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1909	MAX77596ETBC+TC MR	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1911	MAX17662AATE+	130C, 85% R.H.	96	HRS	79	0
BIASED MOISTURE	1911	MAX17662AATE+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1911	MAX17662AATE+	130C, 85% R.H.	96	HRS	79	0
BIASED MOISTURE	1914	MAX96712GTB/VY+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1914	MAX96712GTB/VY+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1915	MAX20021ATIA/V+	130C, 85% R.H.	96	HRS	79	0
BIASED MOISTURE	1917	MAX20022ATIB/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1917	MAX20098ATEAK/VY +	130C, 85% R.H.	96	HRS	79	0
BIASED MOISTURE	1918	MAX20081ATNK/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1918	MAX20081ATNK/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1918	MAX11128ATI/V+T	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1925	MAX20081ATNK/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1926	MAX20002ATPA/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1926	MAX20003ATPB/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1927	MAX96712GTB/VY+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1931	MAX22999ATU+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1943	MAX25605ATP/VY+	130C, 85% R.H.	96	HRS	79	0
<b>Total:</b>						<b>0</b>	<b>0</b>



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**UNBIASED MOISTURE RESISTANCE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
MOISTURE SOAK		MAX17662AATE+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK		ENGAY17BTTI+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK		ENGAY17BTTI+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK		ENGAY17BTTI+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK		MAX11128ATI/V+T	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK		MAX11128ATI/V+T	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1805	MAX9288GTM/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1842	MAX9288GTM/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1851	MAX20030BATMK/V +	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1851	MAX20030BATMK/V +	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1851	MAX20030BATMK/V +	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1852	MAX20000ATCB/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1907	MAX20000ATCB/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1909	MAX16610	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1909	MAX16610	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1909	MAX16610	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1911	MAX17662AATE+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1911	MAX17662AATE+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1911	MAX98357AETE+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1912	MAX96912EGTM/VY +	130C, 85% R.H.	96	HRS	79	0
MOISTURE SOAK	1912	MAX96912EGTM/VY +	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1912	MAX40661ATB/VY+T	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1912	MAX40661ATB/VY+T	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1912	MAX40661ATB/VY+T	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1914	MAX96712GTB/VY+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1914	MAX96712GTB/VY+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1915	MAX20021ATIA/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1917	MAX20022ATIB/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1918	MAX20081ATNK/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1918	MAX20081ATNK/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1918	MAX20081ATNK/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1918	MAX11128ATI/V+T	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1921	MAX2172ETL/V+	130C, 85% R.H.	96	HRS	80	0

MOISTURE SOAK	1925	MAX20081ATNK/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1925	MAX20081ATNK/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1926	MAX20002ATPA/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1926	MAX20003ATPB/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1927	MAX96712GTB/VY+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1935	MAX1257BETM+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1942	MAX14866UTM+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1943	MAX25605ATP/VY+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1943	MAX14808ETK+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1945	MAX2172ETL+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1946	MAX9979KCTK+	130C, 85% R.H.	96	HRS	80	0
					<b>Total:</b>		<b>0</b>

**FAILURE RATE: MTTF (YRS): ##### FITS: 0.1**