

4/17/2013



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	32	QFN (Pb-Free)	ASE Chung-Li	8 TQFN (Pb-Free)
ASE Chung-Li	12	TQFN (Pb-Free)	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	36	TQFN (Pb-Free)	ASE Chung-Li	40 TQFN (Pb-Free)
ASE Chung-Li	44	TQFN (Pb-Free)	ASE Chung-Li	48 TQFN (Pb-Free)
ASE Chung-Li	56	TQFN (Pb-Free)	ASE Chung-Li	68 TQFN (Pb-Free)
ASE Chung-Li	36	TQFN Hyb (Pb-Free)	ATK (Amkor, K)	24 QFN
ATK (Amkor, K)	48	TQFN (Pb-Free)	Carsem-S	23 QFN (Pb-Free)
Carsem-S	20	TQFN (Pb-Free)	HANA-AYT	6 TQFN (Pb-Free)
UTACDG	16	TQFN (Pb-Free)	UTACDG	20 TQFN (Pb-Free)
UTACDG	24	TQFN (Pb-Free)	UTACDG	28 TQFN (Pb-Free)
UTACDG	32	TQFN (Pb-Free)	UTACDG	36 TQFN (Pb-Free)
UTACDG	40	TQFN (Pb-Free)	UTACDG	44 TQFN (Pb-Free)
UTACDG	48	TQFN (Pb-Free)	UTACDG	56 TQFN (Pb-Free)
UTACDG	68	TQFN (Pb-Free)	UTL Thailand	8 TQFN (Pb-Free)
UTL Thailand	16	TQFN (Pb-Free)	UTL Thailand	20 TQFN (Pb-Free)
UTL Thailand	24	TQFN (Pb-Free)	UTL Thailand	28 TQFN (Pb-Free)
UTL Thailand	32	TQFN (Pb-Free)	UTL Thailand	40 TQFN (Pb-Free)
UTL Thailand	44	TQFN (Pb-Free)	UTL Thailand	48 TQFN (Pb-Free)
UTL Thailand	56	TQFN (Pb-Free)	UTL Thailand	24 TQFN Hyb Stacked (Pb-Free)
UTL Thailand	16	uTQFN (Pb-Free)		

The calculated failure rate for this assembly is:

**FAILURE RATE: MTTF (YRS): 126839 FITS: 0.9**

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 4/1/2012 and 3/31/2013.

**Assembly Information:**

Package Type:                      QFN  
 Date Code Range:                1209      to    1209

**OPERATING LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	1209	MAX3801UGG	135°C	500 HRS	80	0	
				<b>Total:</b>		<b>0</b>	

**Assembly Information:**

Package Type:                      QFN (Pb-Free)  
 Date Code Range:                1208      to    1208

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**STORAGE LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE	1208	78M6611	150°C	1000 HRS	77	0	
VISUAL INSPECTION	1208	78M6611	WHISKERS < 50um, Class 1/1A TC & HTS		77	0	
STORAGE LIFE	1208	78M6611	150°C	1000 HRS	76	0	
VISUAL INSPECTION	1208	78M6611	WHISKERS < 50um, Class 1/1A TC & HTS		76	0	
STORAGE LIFE	1208	78M6611	150°C	1000 HRS	77	0	
VISUAL INSPECTION	1208	78M6611	WHISKERS < 50um, Class 1/1A TC & HTS		77	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		MAX15074EGD+	-65C TO 150C	1000 CYS	220	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1208	78M6611	-55C TO 125C	1000 CYS	77	0	
VISUAL INSPECTION	1208	78M6611	WHISKERS < 50um, Class 1/1A TC & HTS		77	0	
VISUAL INSPECTION	1208	78M6611	WHISKERS < 50um, Class 1/1A TC & HTS		77	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1208	78M6611	-55C TO 125C	1000 CYS	77	0	
VISUAL INSPECTION	1208	78M6611	WHISKERS < 50um, Class 1/1A TC & HTS		76	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1208	78M6611	-55C TO 125C	1000 CYS	77	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
HAST	1208	78M6611	130C, 85%R.H., 3.6V	96 HRS	45	0	
HAST	1208	78M6611	130C, 85%R.H., 3.6V	96 HRS	45	0	
HAST	1208	78M6611	130C, 85%R.H., 3.6V	96 HRS	45	0	
<b>Total:</b>						<b>0</b>	

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**Assembly Information:**

Package Type: TQFN (Pb-Free)

Date Code Range: 1029 to N/A

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**OPERATING LIFE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	1029	MAX5971BETI+	135°C	192 HRS	45	0	
HIGH TEMP OP LIFE	1036	MAX14842ETE+	135°C	48 HRS	42	0	
HIGH TEMP OP LIFE	1120	MAX5982BETE+	135°C	192 HRS	48	0	
HIGH TEMP OP LIFE	1122	MAX2091ETP+	135°C	192 HRS	32	0	
HIGH TEMP OP LIFE	1122	MAX2091ETP+	135°C	192 HRS	80	0	

HIGH TEMP OP LIFE	1131	MAX16920BATJ/V+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1133	MAX8520ETP+	135°C	1000	HRS	29	0
HIGH TEMP OP LIFE	1133	MAX8520ETP+	135°C	500	HRS	29	0
HIGH TEMP OP LIFE	1133	MAX8520ETP+	135°C	500	HRS	29	0
HIGH TEMP OP LIFE	1140	MAX11871ETM+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1144	MAX8655ETN+	135°C	1000	HRS	41	0
HIGH TEMP OP LIFE	1150	MAX8655ETN+	135°C	1000	HRS	77	0
HIGH TEMP OP LIFE	1150	MAX8655ETN+	135°C	500	HRS	77	0
HIGH TEMP OP LIFE	1150	MAX9832ETG+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1150	MAX9832ETG+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1152	MAX16922ATPF/V+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1153	MAX2140ETH+	135°C	524	HRS	79	0
HIGH TEMP OP LIFE	1153	MAX2140ETH+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1201	MAX98400AETX+	135°C	1000	HRS	70	0
HIGH TEMP OP LIFE	1202	MAX15202ATE+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1203	MAX2172ETL+	135°C	500	HRS	78	0
HIGH TEMP OP LIFE	1206	MAX2021ETX+	135°C	192	HRS	32	0
HIGH TEMP OP LIFE	1206	MAX2021ETX+	135°C	192	HRS	48	0
HIGH TEMP OP LIFE	1207	DS1886	125C, 3.6 VOLTS	192	HRS	80	0
HIGH TEMP OP LIFE	1207	MAX2870ETJ+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1207	MAX44005EDT+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1207	MAX44005EDT+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1208	MAX11125ATI+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1208	MAX2135AETN/V+	135°C	500	HRS	32	0
HIGH TEMP OP LIFE	1208	MAX17491GTA+T	135°C	1000	HRS	74	0
HIGH TEMP OP LIFE	1209	MAX2058ETL+	135°C	500	HRS	32	0
HIGH TEMP OP LIFE	1209	MAX3802UTK+	135°C	517	HRS	80	0
HIGH TEMP OP LIFE	1211	MAXQ615	125C, 3.6 VOLTS	192	HRS	80	0
HIGH TEMP OP LIFE	1211	MAX3947ETE+	135°C	192	HRS	79	0
HIGH TEMP OP LIFE	1212	MAX14582ETC+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1213	MAX19794ETX+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1213	MAX19792ETX+	135°C	240	HRS	80	0
HIGH TEMP OP LIFE	1213	MAX19792ETX_	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1214	MAX14808ETK+	135°C	1000	HRS	78	0
HIGH TEMP OP LIFE	1214	MAX98400AETX+	135°C	1000	HRS	72	0
HIGH TEMP OP LIFE	1215	MAX14634ETE+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1215	MAX1781ETM+	135°C	1000	HRS	45	0
HIGH TEMP OP LIFE	1215	MAX1781ETM+	135°C	1000	HRS	45	0

HIGH TEMP OP LIFE	1215	MAX1781ETM+	135°C	1000	HRS	45	0
HIGH TEMP OP LIFE	1215	MAX9736AETJ+	135°C	192	HRS	78	0
HIGH TEMP OP LIFE	1216	MAX9272GTM+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1216	MAX9708ETN+	135°C	1000	HRS	47	0
HIGH TEMP OP LIFE	1216	MAX9708ETN+	135°C	500	HRS	47	0
HIGH TEMP OP LIFE	1216	MAX9736AETJ+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1217	MAX14616AETX+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1217	MAX14589EETP+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1219	78M6610	125C, 3.6 VOLTS	192	HRS	80	0
HIGH TEMP OP LIFE	1219	MAX34451	125C, 3.6 VOLTS	192	HRS	80	0
HIGH TEMP OP LIFE	1219	MAX16936RATEA/V +	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1219	MAX16936RATEA/V +	135°C	240	HRS	78	0
HIGH TEMP OP LIFE	1219	MAX16936RATEA/V +	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1219	MAX2362ETM+	135°C	1000	HRS	77	0
HIGH TEMP OP LIFE	1219	MAX2363ETM+	135°C	1000	HRS	77	0
HIGH TEMP OP LIFE	1219	MAX2363ETM+	135°C	1000	HRS	77	1
HIGH TEMP OP LIFE	1222	TX27YETH+	135°C	500	HRS	74	0
HIGH TEMP OP LIFE	1222	MAX9684ETN+	135°C	1000	HRS	45	1
HIGH TEMP OP LIFE	1222	MAX9684ETN+	135°C	1000	HRS	45	0
HIGH TEMP OP LIFE	1222	MAX9684ETN+	135°C	1000	HRS	45	0
HIGH TEMP OP LIFE	1224	MAX15566GTG+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1225	MAX15511GTL+	135°C	500	HRS	45	0
HIGH TEMP OP LIFE	1225	MAX15511GTL+	135°C	500	HRS	45	0
HIGH TEMP OP LIFE	1225	MAX15511GTL+	135°C	1000	HRS	45	0
HIGH TEMP OP LIFE	1225	MAX15511GTL+	135°C	500	HRS	45	0
HIGH TEMP OP LIFE	1226	MAX14612ETE+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1227	MAX9708ETN+	135°C	192	HRS	47	0
HIGH TEMP OP LIFE	1227	MAX17094ETM+	135°C	1000	HRS	47	0
HIGH TEMP OP LIFE	1227	MAX17094ETM+	135°C	1000	HRS	47	0
HIGH TEMP OP LIFE	1227	MAX17094ETM+	135°C	1000	HRS	47	0
HIGH TEMP OP LIFE	1227	MAX9695ETM+	135°C	1000	HRS	47	0
HIGH TEMP OP LIFE	1227	MAX9695ETM+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1227	MAX17491GTA+T	135°C	1072	HRS	74	0
HIGH TEMP OP LIFE	1227	MAX17491GTA+T	135°C	1072	HRS	72	0
HIGH TEMP OP LIFE	1227	MAX17491GTA+	135°C	1000	HRS	74	0
HIGH TEMP OP LIFE	1227	MAX17491GTA+	135°C	1000	HRS	72	0
HIGH TEMP OP LIFE	1227	MAX20001ETE+	135°C	192	HRS	46	0

HIGH TEMP OP LIFE	1228	MAX5971BETI+	135°C	192	HRS	90	0
HIGH TEMP OP LIFE	1228	MAX5971BETI+	135°C	192	HRS	45	0
HIGH TEMP OP LIFE	1228	MAX2136AETJ+	135°C	192	HRS	32	0
HIGH TEMP OP LIFE	1228	MAX2136AETJ/V+	135°C	192	HRS	48	0
HIGH TEMP OP LIFE	1228	MAX5971BETI+	135°C	1000	HRS	85	0
HIGH TEMP OP LIFE	1228	MAX5971BETI+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1229	MAX14808ETK+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1231	MAX31865	125C, 3.7V (PSA)	192	HRS	80	0
HIGH TEMP OP LIFE	1231	MAX3738ETG+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1232	MAX16962RATEA/V +	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1232	MAX5988AETP+	135°C	192	HRS	79	0
HIGH TEMP OP LIFE	1232	MAX16977SATE/V+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1232	MAX16948AGTE/V+	135°C	1000	HRS	78	0
HIGH TEMP OP LIFE	1232	TX27YETH+	135°C	500	HRS	79	0
HIGH TEMP OP LIFE	1232	TX27YETH+	135°C	1000	HRS	78	0
HIGH TEMP OP LIFE	1232	MAX16963SATEC/V +	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1232	MAX16962RATEA/V +	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1233	MAX2173ETL/V+T	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1233	MAX5992BETG+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1233	MAX5992BETG+	135°C	192	HRS	59	0
HIGH TEMP OP LIFE	1233	TX27YETH+	135°C	379	HRS	80	0
HIGH TEMP OP LIFE	1234	TX27YETH+	135°C	1000	HRS	86	0
HIGH TEMP OP LIFE	1235	MAX78615	125C, 3.6 VOLTS	192	HRS	80	0
HIGH TEMP OP LIFE	1235	MAX14588ETE+	135°C	192	HRS	78	0
HIGH TEMP OP LIFE	1235	TX27YETH+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1237	MAX98950ETP+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1238	MAX9695AETM+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1238	MAX9695ETM+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1239	MAX15577GTG+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1239	MAX14808ETK+	135°C	1000	HRS	77	0
HIGH TEMP OP LIFE	1239	MAX5971AETI+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1241	MAX14842ETE+	135°C	1000	HRS	46	0
HIGH TEMP OP LIFE	1241	MAX5971BETI+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1242	MAXQ305	125C, 3.3V (PSA), 1.5V (PSB)	192	HRS	80	0
HIGH TEMP OP LIFE	1245	MAX2180AETG+	135°C	192	HRS	72	0
HIGH TEMP OP LIFE	1245	MAX15511GTL+	135°C	500	HRS	45	0
HIGH TEMP OP LIFE	1246	MAXQ1741	125C, 3.6 VOLTS	192	HRS	48	0
HIGH TEMP OP LIFE	1246	MAX17491GTA+	135°C	1000	HRS	80	0

HIGH TEMP OP LIFE	1246	MAX17491GTA+	135°C	1000	HRS	74	0
HIGH TEMP OP LIFE	1246	MAX17491GTA+	135°C	1000	HRS	72	0
HIGH TEMP OP LIFE	1246	MAX17491GTA+	135°C	1000	HRS	72	0
HIGH TEMP OP LIFE	1247	MAX3738ETG+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1247	MAX5971AETI+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1247	MAX9688ETI+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1247	MAX9688ETI+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1247	MAX9688ETI+	135°C	500	HRS	80	1
HIGH TEMP OP LIFE	1248	MAX17491GTA+T	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1248	MAX17491GTA+T	135°C	500	HRS	74	0
HIGH TEMP OP LIFE	1248	MAX17491GTA+T	135°C	500	HRS	71	0
HIGH TEMP OP LIFE	1248	MAX17491 GTA+T	135°C	500	HRS	72	0
HIGH TEMP OP LIFE	1249	MAX5971AETI+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1250	MAX2181ETE/V+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1250	MAX9688ETI+	135°C	500	HRS	78	1
HIGH TEMP OP LIFE	1303	MAX16936RATEA/V +	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1303	MAX3797ETE+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1304	MAX2553ETN+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1304	MAX98400AETX+	135°C	192	HRS	150	0
HIGH TEMP OP LIFE	1306	DS8500	125C, 3.6 VOLTS	192	HRS	48	0
HIGH TEMP OP LIFE	1306	DS8500	125C, 3.6 VOLTS	192	HRS	32	0
HIGH TEMP OP LIFE	1307	MAX14778ETP+	135°C	192	HRS	80	0
<b>Total:</b>						<b>4</b>	

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### STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE	1152	MAX16922ATPF/V+	150°C	500	HRS	50	1
STORAGE LIFE	1201	MAX98400AETX+	150°C	1000	HRS	80	0
STORAGE LIFE	1202	MAX9695ETM+	150°C	1075	HRS	80	0
STORAGE LIFE	1202	MAX9695ETM+	150°C	952	HRS	80	0
STORAGE LIFE	1202	MAX9695ETM+	150°C	1000	HRS	78	1
STORAGE LIFE	1207	MAX44005EDT+	150°C	1000	HRS	80	0
STORAGE LIFE	1207	MAX44005EDT+	150°C	1000	HRS	80	0
STORAGE LIFE	1207	MAX9684ETN+	150°C	1000	HRS	77	0
STORAGE LIFE	1207	MAX9684ETN+	150°C	1000	HRS	77	0
STORAGE LIFE	1207	MAX9684ETN+	150°C	1000	HRS	77	0
STORAGE LIFE	1215	MAX9737ETG+	150°C	1000	HRS	50	0
STORAGE LIFE	1215	MAX1781ETM+	150°C	1000	HRS	77	0

STORAGE LIFE	1215	MAX1781ETM+	150°C	1000 HRS	77	0
STORAGE LIFE	1215	MAX1781ETM+	150°C	1000 HRS	77	0
STORAGE LIFE	1215	MAX9736AETJ+	150°C	1000 HRS	80	0
STORAGE LIFE	1216	MAX9708ETN+	150°C	1000 HRS	50	0
STORAGE LIFE	1217	MAX9695ETM+	150°C	1000 HRS	77	1
STORAGE LIFE	1217	MAX9695ETM+	150°C	1000 HRS	77	0
STORAGE LIFE	1217	MAX9695ETM+	150°C	1000 HRS	77	0
STORAGE LIFE	1218	MAX9737ETG+	150°C	1000 HRS	50	0
STORAGE LIFE	1219	MAX16936RATEAV +	150°C	1000 HRS	50	0
STORAGE LIFE	1219	MAX2363ETM+	150°C	1000 HRS	77	0
STORAGE LIFE	1219	MAX2363ETM+	150°C	1000 HRS	77	0
STORAGE LIFE	1219	MAX2363ETM+	150°C	1000 HRS	77	0
STORAGE LIFE	1222	MAX9684ETN+	150°C	1000 HRS	80	0
STORAGE LIFE	1222	MAX9684ETN+	150°C	1000 HRS	80	0
STORAGE LIFE	1222	MAX9684ETN+	150°C	1000 HRS	80	0
STORAGE LIFE	1225	MAX15511GTL+	150°C	1000 HRS	80	0
STORAGE LIFE	1225	MAX15511GTL+	150°C	1000 HRS	80	0
STORAGE LIFE	1226	MAX16834ATP+	150°C	1000 HRS	50	0
STORAGE LIFE	1227	MAX17094ETM+	150°C	1000 HRS	80	0
STORAGE LIFE	1227	MAX17094ETM+	150°C	1000 HRS	80	0
STORAGE LIFE	1227	MAX17094ETM+	150°C	1000 HRS	80	0
STORAGE LIFE	1227	MAX9695ETM+	150°C	1000 HRS	80	0
STORAGE LIFE	1227	MAX9695ETM+	150°C	1000 HRS	80	0
STORAGE LIFE	1227	MAX17491GTA+T	150°C	1000 HRS	80	0
STORAGE LIFE	1227	MAX17491GTA+T	150°C	1000 HRS	80	0
STORAGE LIFE	1227	MAX17491GTA+	150°C	1000 HRS	80	0
STORAGE LIFE	1227	MAX17491GTA+	150°C	1000 HRS	80	0
STORAGE LIFE	1229	MAX16834ATP+	150°C	1000 HRS	50	0
STORAGE LIFE	1232	TX27YETH+	150°C	1000 HRS	80	0
STORAGE LIFE	1234	TX27YETH+	150°C	1000 HRS	80	0
STORAGE LIFE	1235	TX27YETH+	150°C	1000 HRS	80	0
STORAGE LIFE	1238	MAX9695AETM+	150°C	1000 HRS	80	0
STORAGE LIFE	1238	MAX9695AETM+	150°C	1000 HRS	80	0
STORAGE LIFE	1241	MAX2173ETL/V+	150°C	1000 HRS	32	0
STORAGE LIFE	1241	MAX16907RATE/V+	150°C	1000 HRS	50	0
STORAGE LIFE	1241	MAX16907RATE/V+	150°C	1000 HRS	49	0
STORAGE LIFE	1243	MAX2173ETL/V+	150°C	500 HRS	77	0



STORAGE LIFE	1244	MAX2173ETL/V+	150°C	500	HRS	77	0
STORAGE LIFE	1245	MAX15511GTL+	150°C	500	HRS	80	0
STORAGE LIFE	1245	MAX15511GTL+	150°C	500	HRS	80	0
STORAGE LIFE	1246	MAX17491GTA+	150°C	1000	HRS	80	0
STORAGE LIFE	1246	MAX17491GTA+	150°C	1000	HRS	80	0
STORAGE LIFE	1246	MAX17491GTA+	150°C	1000	HRS	80	0
STORAGE LIFE	1246	MAX17491GTA+	150°C	1000	HRS	80	0
STORAGE LIFE	1247	MAX9688ETI+	150°C	1000	HRS	80	0
STORAGE LIFE	1247	MAX9688ETI+	150°C	1000	HRS	80	0
STORAGE LIFE	1247	MAX9688ETI+	150°C	1000	HRS	80	0
STORAGE LIFE	1247	MAX9688ETI+	150°C	1000	HRS	80	0
STORAGE LIFE	1248	MAX9688ETI+	150°C	1000	HRS	80	0
STORAGE LIFE	1248	MAX17491GTA+T	150°C	500	HRS	80	0
STORAGE LIFE	1248	MAX17491GTA+T	150°C	500	HRS	80	0
STORAGE LIFE	1248	MAX17491GTA+T	150°C	500	HRS	80	0
STORAGE LIFE	1249	MAX9688ETI+	150°C	1000	HRS	80	0
STORAGE LIFE	1250	MAX9688ETI+	150°C	1000	HRS	80	0
<b>Total:</b>						<b>3</b>	

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### TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL	1123	MAX2769BETI/V+	-65C TO 150C	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1152	MAX16922ATPF/V+	-65C TO 150C	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1152	MAX2769BETI/V+	-65C TO 150C	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1152	MAX3646ETG+	-65C TO 150C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1152	MAX3646ETG+	-65C TO 150C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1202	MAX16946GTE/V+	-65C TO 150C	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1202	MAX9695ETM+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1202	MAX9695ETM+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1202	MAX9695ETM+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1207	MAX9684ETN+	-65C TO 150C	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1207	MAX9684ETN+	-65C TO 150C	500	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1207	MAX9684ETN+	-65C TO 150C	1000	CYS	77	0

TEMP CYCLE, 5' RAMP, 10' DWELL	1208	MAX3646ETG+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1208	MAX3646ETG+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1209	MAX5974EETE+	-65C TO 150C	50 CYS	998	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1209	MAX2769BETI/V+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1211	MAX9739ETG+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1215	MAX9737ETG+	-65C TO 150C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1215	MAX1781ETM+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1215	MAX1781ETM+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1215	MAX1781ETM+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1215	MAX9736AETJ+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1215	MAX9736AETJ+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1216	MAX9708ETN+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1216	MAX9736AETJ+	-65C TO 150C	1000 CYS	75	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1217	MAX9695ETM+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1217	MAX9695ETM+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1217	MAX9695ETM+	-65C TO 150C	1000 CYS	76	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1218	MAX9737ETG+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1218	MAX9737ETG+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1218	MAX9736BETJ+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1218	MAX9736BETJ+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1219	MAX16936RATEA/V+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1219	MAX2363ETM+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1219	MAX2363ETM+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1219	MAX2363ETM+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1219	MAX9695ETM+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1219	MAX16834ATP/V+	-65C TO 150C	500 CYS	80	0

TEMP CYCLE, 5' RAMP, 10' DWELL	1221	MAX16834ATP/V+	-65C TO 150C	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1222	TX27TETH+	-65C TO 150C	200	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1222	MAX9684ETN+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1222	MAX9684ETN+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1222	MAX9684ETN+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1225	MAX15511GTL+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1225	MAX15511GTL+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1225	MAX15511GTL+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1225	MAX15511GTL+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1226	MAX16834ATP+	-65C TO 150C	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1227	MAX9708ETN/V+	-65C TO 150C	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1227	MAX17094ETM+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1227	MAX17094ETM+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1227	MAX17094ETM+	-65C TO 150C	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1227	MAX9695ETM+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1227	MAX9695ETM+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1227	MAX17491GTA+T	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1227	MAX17491GTA+T	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1227	MAX17491GTA+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1227	MAX17491GTA+	-65C TO 150C	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1229	MAX16834ATP+	-65C TO 150C	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1231	MAX16834ATP+	-65C TO 150C	500	CYS	79	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1232	TX27YETH+	-65C TO 150C	500	CYS	79	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1232	TX27YETH+	-65C TO 150C	1000	CYS	79	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1234	MAX17075GTG/V+	-65C TO 150C	500	CYS	50	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1235	TX27YETH+	-65C TO 150C	1000	CYS	78	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1235	MAX7360ETL+	-65C TO 150C	500	CYS	80	0

TEMP CYCLE, 5' RAMP, 10' DWELL	1238	MAX9695AETM+	-65C TO 150C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1238	MAX9695AETM+	-65C TO 150C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1241	MAX2173ERL/V+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1241	MAX16907RATE/V+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1241	MAX16907RATE/V+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1241	MAX16907RATE/V+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1241	MAX16907RATE/V+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1243	MAX2173ETL/V+	-65C TO 150C	600 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1243	MAX16834ATP+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1245	YX27YETH+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1245	MAX16907RATE/V+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1245	MAX15511GTL+	-65C TO 150C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1245	MAX15511GTL+	-65C TO 150C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1245	MAX15511GTL+	-65C TO 150C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1246	MAX17491GTA+	-65C TO 150C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1246	MAX17491GTA+	-65C TO 150C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1246	MAX17491GTA+	-65C TO 150C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1246	MAX17491GTA+	-65C TO 150C	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1247	MAX9688ETI+	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1247	MAX9688ETI+	-65C TO 150C	1000 CYS	69	1
TEMP CYCLE, 5' RAMP, 10' DWELL	1248	MAX2141ETH+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1248	MAX2141ETH+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1248	MAX2141ETH+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1248	MAX2141ETH+	-65C TO 150C	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1248	MAX17491GTA+T	-65C TO 150C	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1248	MAX17491GTA+T	-65C TO 150C	600 CYS	80	0

TEMP CYCLE, 5' RAMP, 10' DWELL	1248	MAX17491GTA+T	-65C TO 150C	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1248	MAX17491GTA+T	-65C TO 150C	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1304	MAX98400AETX+	-65C TO 150C	500	CYS	80	0

**Total:** 1

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**TEMPERATURE HUMIDITY BIAS**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
BIASED MOISTURE	1131	MAX15022ATI+	130C, 85% R.H.	100	HRS	34	0
BIASED MOISTURE	1131	MAX15022ATI+	130C, 85% R.H.	100	HRS	34	0
BIASED MOISTURE	1131	MAX15022ATI+	130C, 85% R.H.	100	HRS	46	0
BIASED MOISTURE	1143	MAX16946GTE/V+	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	1146	MAX16946GTE+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1150	MAX8795AGTJ+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1202	MAX16946GTE/V+	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	1202	MAX9695ETM+	130C, 85% R.H.	100	HRS	32	0
BIASED MOISTURE	1202	MAX9695ETM+	130C, 85% R.H.	100	HRS	32	0
BIASED MOISTURE	1202	MAX9695ETM+	130C, 85% R.H.	100	HRS	32	0
BIASED MOISTURE	1207	MAX9684ETN+	130C, 85% R.H.	100	HRS	45	0
BIASED MOISTURE	1207	MAX9684ETN+	130C, 85% R.H.	100	HRS	45	0
BIASED MOISTURE	1217	MAX9695ETM+	130C, 85% R.H.	100	HRS	45	0
BIASED MOISTURE	1217	MAX9695ETM+	130C, 85% R.H.	100	HRS	45	0
BIASED MOISTURE	1217	MAX9695ETM+	130C, 85% R.H.	100	HRS	45	0
BIASED MOISTURE	1219	MAX16936RATEA/V +	130C, 85% R.H.	100	HRS	77	0
BIASED MOISTURE	1219	MAX2363ETM+	130C, 85% R.H.	100	HRS	35	0
BIASED MOISTURE	1219	MAX9695ETM+	130C, 85% R.H.	100	HRS	45	0
BIASED MOISTURE	1221	MAX16834ATP/V+	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	1222	MAX9684ETN+	130C, 85% R.H.	100	HRS	35	0
BIASED MOISTURE	1222	MAX9684ETN+	130C, 85% R.H.	100	HRS	45	0
BIASED MOISTURE	1222	MAX9684ETN+	130C, 85% R.H.	100	HRS	45	0
BIASED MOISTURE	1225	MAX15511GTL+	130C, 85% R.H.	100	HRS	24	0
BIASED MOISTURE	1225	MAX15511GTL+	130C, 85% R.H.	100	HRS	23	0
BIASED MOISTURE	1225	MAX15511GTL+	130C, 85% R.H.	100	HRS	24	0
BIASED MOISTURE	1226	MAX16834ATP+	130C, 85% R.H.	100	HRS	78	0
BIASED MOISTURE	1227	MAX9708ETN/V+	130C, 85% R.H.	100	HRS	45	0
BIASED MOISTURE	1227	MAX9695ETM+	130C, 85% R.H.	100	HRS	34	0
BIASED MOISTURE	1227	MAX9695ETM+	130C, 85% R.H.	100	HRS	34	0
BIASED MOISTURE	1227	MAX17491GTA+	130C, 85% R.H.	100	HRS	45	0

BIASED MOISTURE	1227	MAX17491GTA+T	130C, 85% R.H.	100	HRS	35	0
BIASED MOISTURE	1227	MAX17491GTA+	130C, 85% R.H.	100	HRS	35	0
BIASED MOISTURE	1227	MAX17491GTA+T	130C, 85% R.H.	100	HRS	35	0
BIASED MOISTURE	1234	MAX17075GTG/V+	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	1238	MAX9695AETM+	130C, 85% R.H.	100	HRS	46	0
BIASED MOISTURE	1241	MAX16907RATE/V+	130C, 85% R.H.	100	HRS	77	0
BIASED MOISTURE	1241	MAX16907RATE/V+	130C, 85% R.H.	100	HRS	77	0
BIASED MOISTURE	1245	MAX15511GTL+	130C, 85% R.H.	100	HRS	21	0
BIASED MOISTURE	1245	MAX15511GTL+	130C, 85% R.H.	100	HRS	21	0
BIASED MOISTURE	1245	MAX15511GTL+	130C, 85% R.H.	100	HRS	59	0
BIASED MOISTURE	1245	MAX15511GTL+	130C, 85% R.H.	100	HRS	59	0
BIASED MOISTURE	1246	MAX17491GTA+T	130C, 85% R.H.	100	HRS	35	0
BIASED MOISTURE	1246	MAX17491GTA+T	130C, 85% R.H.	100	HRS	35	0
BIASED MOISTURE	1246	MAX17491GTA+T	130C, 85% R.H.	100	HRS	35	0
BIASED MOISTURE	1246	MAX17491GTA+	130C, 85% R.H.	100	HRS	45	0
BIASED MOISTURE	1247	MAX9688ETI+	130C, 85% R.H.	100	HRS	34	0
BIASED MOISTURE	1247	MAX9688ETI+	130C, 85% R.H.	100	HRS	46	0
BIASED MOISTURE	1247	MAX9688ETI+	130C, 85% R.H.	100	HRS	46	0
BIASED MOISTURE	1247	MAX9688ETI+	130C, 85% R.H.	100	HRS	46	0
BIASED MOISTURE	1248	MAX17491GTA+T	130C, 85% R.H.	100	HRS	45	0
BIASED MOISTURE	1248	MAX17491GTA+T	130C, 85% R.H.	100	HRS	45	0
BIASED MOISTURE	1248	MAX17491GTA+T	130C, 85% R.H.	100	HRS	45	0
BIASED MOISTURE	1304	MAX98400AETX+	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	N/A	MAX11871ETM+	130C, 85% R.H.	100	HRS	35	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	1051	MAX9708ETN+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1102	MAX9708ETN+	130C, 85% R.H.	100	HRS	35	0
MOISTURE SOAK	1106	MAX9708ETN+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1110	MAX11014BGTM+	85 C/85% R.H.	1000	HRS	29	0
MOISTURE SOAK	1152	MAX2769BETI/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1202	MAX9695ETM+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1202	MAX9695ETM+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1202	MAX9695ETM+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1207	MAX44005EDT+	85 C/85% R.H.	1000	HRS	80	0
MOISTURE SOAK	1217	MAX9695ETM+	130C, 85% R.H.	500	HRS	77	0
MOISTURE SOAK	1217	MAX9695ETM+	130C, 85% R.H.	500	HRS	77	0

MOISTURE SOAK	1217	MAX9695ETM+	130C, 85% R.H.	500	HRS	77	0
MOISTURE SOAK	1219	MAX9695ETM+	130C, 85% R.H.	500	HRS	77	0
MOISTURE SOAK	1225	MAX15511GTL+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1225	MAX15511GTL+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1225	MAX15511GTL+	130C, 85% R.H.	200	HRS	80	0
MOISTURE SOAK	1225	MAX15511GTL+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1225	MAX15511GTL+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1225	MAX15511GTL+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1226	MAX16834ATP+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1227	MAX9708ETN/V+	130C, 85% R.H.	100	HRS	77	0
MOISTURE SOAK	1227	MAX17094ETM+	85 C/85% R.H.	1000	HRS	37	0
MOISTURE SOAK	1227	MAX17094ETM+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1227	MAX17094ETM+	85 C/85% R.H.	1000	HRS	43	0
MOISTURE SOAK	1227	MAX9695ETM+	130C, 85% R.H.	500	HRS	79	0
MOISTURE SOAK	1227	MAX9695ETM+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1227	MAX17491GTA+T	130C, 85% R.H.	500	HRS	79	0
MOISTURE SOAK	1227	MAX17491GTA+T	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1227	MAX17491GTA+	130C, 85% R.H.	500	HRS	79	0
MOISTURE SOAK	1227	MAX17491GTA+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1234	TX27YETH+	85 C/85% R.H.	1000	HRS	32	0
MOISTURE SOAK	1234	TX27YETH+	85 C/85% R.H.	1000	HRS	60	0
MOISTURE SOAK	1234	MAX17075GTG/V+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1235	TX27YETH+	85 C/85% R.H.	240	HRS	80	0
MOISTURE SOAK	1235	MAX7360ETL+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1238	MAX9695AETM+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1238	MAX9695AETM+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1238	MAX9695AETM+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1241	MAX16907RATE/V+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1241	MAX16907RATE/V+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1243	MAX16834ATP+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1245	MAX16907RATE/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1245	MAX15511GTL+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1245	MAX15511GTL+	130C, 85% R.H.	300	HRS	80	0
MOISTURE SOAK	1246	MAX17491GTA+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1246	MAX17491GTA+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1246	MAX17491GTA+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1246	MAX17491GTA+	130C, 85% R.H.	500	HRS	80	0
MOISTURE SOAK	1247	MAX9688ETI+	130C, 85% R.H.	400	HRS	80	0

MOISTURE SOAK	1247	MAX9688ETI+	130C, 85% R.H.	400	HRS	80	0
MOISTURE SOAK	1247	MAX9688ETI+	130C, 85% R.H.	400	HRS	80	0
MOISTURE SOAK	1247	MAX9688ETI+	130C, 85% R.H.	400	HRS	80	0
MOISTURE SOAK	1248	MAX17491GTA+T	130C, 85% R.H.	100	HRS	79	0
MOISTURE SOAK	1248	MAX17491GTA+T	130C, 85% R.H.	300	HRS	79	0
MOISTURE SOAK	1248	MAX17491GTA+T	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1248	MAX17491GTA+T	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1248	MAX17491GTA+T	130C, 85% R.H.	300	HRS	80	0
MOISTURE SOAK	1248	MAX17491GTA+T	130C, 85% R.H.	300	HRS	80	0
MOISTURE SOAK	1303	MAX16936RATEAV +	130C, 85% R.H.	100	HRS	80	0
<b>Total:</b>							<b>0</b>

#### Assembly Information:

Package Type: TQFN Hyb (Pb-Free)  
Date Code Range: 1105 to 1105

#### UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
MOISTURE SOAK	1105	MAX8798ETX+	85 C/85% R.H.	1000 HRS	45	0	
<b>Total:</b>						<b>0</b>	

#### Assembly Information:

Package Type: TQFN Hyb Stacked (Pb-Free)  
Date Code Range: 1118 to 1118

#### OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	1118	MAX9679ETG+	135°C	500 HRS	77	1	
<b>Total:</b>						<b>1</b>	

#### Assembly Information:

Package Type: uTQFN (Pb-Free)  
Date Code Range: 1250 to 1250

#### UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
MOISTURE SOAK	1250	MAX4740EVE+	130C, 85% R.H.	100 HRS	80	0	
<b>Total:</b>						<b>0</b>	

**FAILURE RATE: MTTF (YRS): 126839 FITS: 0.9**