

7/10/2017



**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		
ANAM-AICL	8	QFN (Pb-Free)	ASAT-DongGuan (C	68 TQFN (Pb-Free)
ASE Chung-Li	48	QFN (Pb-Free)	ASE Chung-Li	32 TQFN
ASE Chung-Li	4	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	40 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	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	48 TQFN-CU (Pb-Free)
ASE Chung-Li	56	TQFN-CU (Pb-Free)	ASE Chung-Li	68 TQFN-CU (Pb-Free)
ASE KAOHSIUNG	17	Flip Chip QFN (Pb-Free)	ASE Kaoshiung	14 Flip Chip QFN (Pb-Free)
ASE Kaoshiung	20	TQFN-CU (Pb-Free)	ATK (Amkor, K)	48 TQFN (Pb-Free)
ATP (Amkor, PI)	68	QFN (Pb-Free)	JCAP	Flip Chip QFN (Pb-Free)
JCAP	10	Flip Chip QFN (Pb-Free)	JCAP	16 Flip Chip QFN (Pb-Free)
JCAP	17	Flip Chip QFN (Pb-Free)	JCET	16 TQFN (Pb-Free)
JCET	32	TQFN (Pb-Free)	JCET	48 TQFN (Pb-Free)
Stats Chippac	64	Punched QFN (Pb-Free)	TBD	22 Flip Chip QFN (Pb-Free)
UTAC DG	16	TQFN (Pb-Free)	UTAC DG	20 TQFN (Pb-Free)
UTAC DG	32	TQFN (Pb-Free)	UTAC DG	33 TQFN (Pb-Free)
UTAC DG	40	TQFN (Pb-Free)	UTAC DG	68 TQFN (Pb-Free)
UTACDG	12	TQFN (Pb-Free)	UTACDG	24 TQFN (Pb-Free)
UTACDG	28	TQFN (Pb-Free)	UTACDG	68 TQFN (Pb-Free)
UTL (NSEB) UTAC	15	Flip Chip QFN (Pb-Free)	UTL (NSEB) UTAC	17 Flip Chip QFN (Pb-Free)
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	44	TQFN (Pb-Free)	UTL (NSEB) UTAC	48 TQFN (Pb-Free)
UTL (NSEB) UTAC	56	TQFN (Pb-Free)	UTL (NSEB) UTAC	12 TQFN-CU (Pb-Free)
UTL (NSEB) UTAC	20	TQFN-CU (Pb-Free)	UTL (NSEB) UTAC	24 TQFN-CU (Pb-Free)
UTL (NSEB) UTAC	40	TQFN-CU (Pb-Free)		

The calculated failure rate for this assembly is:

FAILURE RATE: MTTF (YRS): 1141552 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 4/1/2017 and 6/30/2017.

Assembly Information:

Package Type: Flip Chip QFN (Pb-Free)

Date Code Range: 1552 to N/A

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
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HIGH TEMP OP LIFE	1613	MAX16512GF0+	135°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1613	MAX16512GF0+	135°C	1000 HRS	77	0
HIGH TEMP OP LIFE	1711	MAX20006AFOA/VY +	135°C	500 HRS	77	0
HIGH TEMP OP LIFE	1711	MAX20006AFOA/VY +	135°C	500 HRS	77	0
HIGH TEMP OP LIFE	1711	MAX20006AFOA/VY +	135°C	500 HRS	80	0
HIGH TEMP OP LIFE	N/A	MAX20800	135°C	1000 HRS	80	0
Total:						0

STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE		MAX20006AFDA/V+	150°C	1000 HRS	50	0	
STORAGE LIFE	1552	VTI1697SBFQ	150°C	1000 HRS	80	0	
STORAGE LIFE	1552	VTI1697SBFQ	150°C	1000 HRS	80	0	
STORAGE LIFE	1605	VTI1697SBFQ	150°C	1000 HRS	79	0	
STORAGE LIFE	1608	MAX20800	150°C	1000 HRS	77	0	
STORAGE LIFE	1608	MAX20800	150°C	1000 HRS	77	0	
STORAGE LIFE	1608	MAX20800	150°C	1000 HRS	77	0	
STORAGE LIFE	1613	MAX16512GF0+	150°C	1000 HRS	80	0	
STORAGE LIFE	1613	MAX16512GF0+	150°C	1000 HRS	80	0	
STORAGE LIFE	1613	MAX16512GF0+	150°C	1000 HRS	80	0	
STORAGE LIFE	1634	MAX20735	150°C	1000 HRS	80	0	
STORAGE LIFE	1711	MAX20006AFOA/VY +	150°C	1000 HRS	77	0	
STORAGE LIFE	1711	MAX20006AFOA/VY +	150°C	500 HRS	77	0	
STORAGE LIFE	1711	MAX20006AFOA/VY +	150°C	1000 HRS	77	0	
Total:						0	

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL		MAX20006FDA+	-65C TO +150C (Condition C)	1000 CYS	72	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1552	VTI1697SBFQ	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1552	VTI1697SBFQ	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1552	VTI1697SBFQ	-65C TO +150C (Condition C)	1000 CYS	78	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1552	VTI1697SBFQ	-65C TO +150C (Condition C)	1000 CYS	77	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1608	MAX20800	-65C TO +150C (Condition C)	1000 CYS	77	0	

TEMP CYCLE, 5' RAMP, 10' DWELL	1608	MAX20800	-65C TO +150C (Condition C)	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1608	MAX20800	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1614	MAX20731EPL+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1614	MAX20731EPL+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1634	MAX20735	-65C TO +150C (Condition C)	1000	CYS	75	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1711	MAX20006AFOA/VY +	-65C TO +150C (Condition C)	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1711	MAX20006AFOA/VY +	-65C TO +150C (Condition C)	1000	CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1711	MAX20006AFOA/VY +	-65C TO +150C (Condition C)	1000	CYS	76	0
Total:						0	0

TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
BIASED MOISTURE		MAX16503	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	1608	MAX20800	130C, 85% R.H.	96	HRS	77	0
BIASED MOISTURE	1608	MAX20800	130C, 85% R.H.	264	HRS	80	0
BIASED MOISTURE	1608	MAX20800	130C, 85% R.H.	96	HRS	77	0
BIASED MOISTURE	1608	MAX20800	130C, 85% R.H.	264	HRS	80	0
BIASED MOISTURE	1608	MAX20800	130C, 85% R.H.	264	HRS	80	0
BIASED MOISTURE	1619	MAX16512GF0+	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	1711	MAX20006AFOA/VY +	130C, 85% R.H.	100	HRS	75	0
BIASED MOISTURE	1711	MAX20006AFOA/VY +	130C, 85% R.H.	100	HRS	77	0
BIASED MOISTURE	1711	MAX20006AFOA/VY +	130C, 85% R.H.	100	HRS	77	0
Total:						0	0

UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
MOISTURE SOAK	1552	VTI1697SBFQ	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1552	VTI1697SBFQ	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1552	VTI1697SBFQ	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1552	VTI1697SBFQ	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1608	MAX20800	130C, 85% R.H.	96	HRS	77	0
MOISTURE SOAK	1608	MAX20800	130C, 85% R.H.	96	HRS	77	0
MOISTURE SOAK	1634	MAX20735	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1711	MAX20006AFOA/VY +	130C, 85% R.H.	96	HRS	77	0

MOISTURE SOAK	1711	MAX20006AFOA/VY +	130C, 85% R.H.	96	HRS	80	0
						Total:	0

Assembly Information:

Package Type: Punched QFN (Pb-Free)
Date Code Range: 1519 to 1519

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL	1519	MAX16501	-65C TO +150C (Condition C)	500	CYS	77	0
						Total:	0

Assembly Information:

Package Type: QFN (Pb-Free)
Date Code Range: 1437 to 2016

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	1437	MAX15029AGA/VY+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1606	MAX14900EAGM+C KT	135°C	500	HRS	78	0
HIGH TEMP OP LIFE	1611	MAX5895EGK+D	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1611	MAX5895EGK+D	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	2016	MAX5895EGK+D	135°C	500	HRS	48	0
						Total:	0

STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE	1437	MAX15029AGA/VY+	150°C	1000	HRS	80	0
STORAGE LIFE	1611	MAX5895EGK+D	150°C	1000	HRS	80	0
STORAGE LIFE	1611	MAX5895EGK+D	150°C	500	HRS	80	0
STORAGE LIFE	1611	MAX5895EGK+D	150°C	1000	HRS	80	0
						Total:	0

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL	1437	MAX15029AGA/VY+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1611	MAX5895EGK+D	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1611	MAX5895EGK+D	-65C TO +150C (Condition C)	500	CYS	20	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1611	MAX5895EGK+D	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1611	MAX5895EGK+D	-65C TO +150C (Condition C)	500	CYS	20	0

TEMP CYCLE, 5' RAMP, 10' DWELL	1611	MAX5895EGK+D	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1611	MAX5895EGK+D	-65C TO +150C (Condition C)	500	CYS	20	0
Total:						0	0

TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
BIASED MOISTURE	1437	MAX15029AGA/VY+	130C, 85% R.H.	100 hrs	79	0	
Total:						0	0

Assembly Information:

Package Type: TQFN
Date Code Range: 1618 to 1641

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	1618	DS4834T-H00+	135°C	192 HRS	78	0	
HIGH TEMP OP LIFE	1641	MAX2153BETJ/V+	135°C	192 HRS	80	0	
Total:						0	0

UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
MOISTURE SOAK	1641	MAX2153BETJ/V+	130C, 85% R.H.	96 HRS	80	0	
Total:						0	0

Assembly Information:

Package Type: TQFN (Pb-Free)
Date Code Range: 1126 to 1714

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	1126	MAX5072ETJ+	135°C	1000 HRS	48	0	
HIGH TEMP OP LIFE	1126	MAX5072ETJ+	135°C	1000 HRS	32	0	
HIGH TEMP OP LIFE	1432	MAX8795AGTJ/V+	135°C	500 HRS	49	0	
HIGH TEMP OP LIFE	1504	MAX3955ETJ+	135°C	500 HRS	77	0	
HIGH TEMP OP LIFE	1505	MAX3955ETJ+	135°C	500 HRS	78	0	
HIGH TEMP OP LIFE	1505	MAX3955ETJ+	135°C	500 HRS	54	0	
HIGH TEMP OP LIFE	1505	MAX3955ETJ+	135°C	192 HRS	78	0	
HIGH TEMP OP LIFE	1505	MAX3955ETJ+	135°C	500 HRS	78	0	
HIGH TEMP OP LIFE	1522	MAX2769BETI/V+	135°C	192 HRS	80	0	
HIGH TEMP OP LIFE	1542	MAX16924GTMVY+	135°C	500 HRS	79	0	
HIGH TEMP OP LIFE	1542	MAX16984SATI/VY+	135°C	1000 HRS	78	0	
HIGH TEMP OP LIFE	1548	MAX20001ETE/V+	135°C	1000 HRS	34	0	

HIGH TEMP OP LIFE	1548	MAX20001ETE/V+	135°C	1000	HRS	31	0
HIGH TEMP OP LIFE	1548	MAX20001ETE/V+	135°C	1000	HRS	78	0
HIGH TEMP OP LIFE	1548	MAX2070GTM/V+	135°C	1000	HRS	84	0
HIGH TEMP OP LIFE	1551	MAX9286GTN/VY+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1551	MAX9286GTN/VY+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1551	MAX9286GTN/VY+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1602	MAX5487ETE+T	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1605	MAX16993ATJA/V+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1607	MAX2143PGGH/V+T	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1607	MAX2070GTM+	135°C	1000	HRS	90	0
HIGH TEMP OP LIFE	1607	MAX2070GTM+	135°C	1000	HRS	90	0
HIGH TEMP OP LIFE	1608	MAX2143PGGH/V+T	135°C	500	HRS	79	0
HIGH TEMP OP LIFE	1608	MAX2143PGGH/V+T	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1609	MAX8686ETL+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1611	MAX16065ETM+	135°C	1000	HRS	45	0
HIGH TEMP OP LIFE	1611	MAX16065ETM+	135°C	1000	HRS	35	0
HIGH TEMP OP LIFE	1611	MAX1932ETC+	135°C	1000	HRS	44	0
HIGH TEMP OP LIFE	1611	MAX1932ETC+	135°C	1000	HRS	36	0
HIGH TEMP OP LIFE	1612	MAX9240AGTM/VY+	135°C	1000	HRS	37	0
HIGH TEMP OP LIFE	1612	MAX9278GTN/VY+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1612	MAX9278GTN/VY+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1614	MAX3969ETP+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1614	MAX3969ETP+	135°C	1000	HRS	32	0
HIGH TEMP OP LIFE	1616	MAX3646ETG+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1618	MAX5971BETI+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1620	MAX16065ETM+	135°C	1000	HRS	45	0
HIGH TEMP OP LIFE	1620	MAX16065ETM+	135°C	1000	HRS	35	0
HIGH TEMP OP LIFE	1621	MAX30003CTI+	135°C	192	HRS	79	0
HIGH TEMP OP LIFE	1622	MAX11905ETP+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1623	MAX11410ATI+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1626	MAX11905ETP+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1626	MAX11905ETP+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1627	MAX2070GTM+	135°C	1000	HRS	54	0
HIGH TEMP OP LIFE	1629	MAX16963SATEF/V+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1629	MAX2172ETL/V+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1630	MAX2769BETI/V+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1630	MAX2034CTM+	135°C	1000	HRS	48	0

HIGH TEMP OP LIFE	1630	MAX2900ETI+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1632	MAX2769BETI/V+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1632	MAX2077CTN+	135°C	1000	HRS	47	0
HIGH TEMP OP LIFE	1632	MAX2077CTN+	135°C	1000	HRS	33	0
HIGH TEMP OP LIFE	1633	MAX2181AETE/V+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1633	MAX16046ATN+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1634	MAX3726UTG+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1635	MAX3969ETP+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1635	MAX3969ETP+	135°C	1000	HRS	32	0
HIGH TEMP OP LIFE	1638	MAX1257BETM+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1638	MAX1257BETM+	135°C	1000	HRS	32	0
HIGH TEMP OP LIFE	1638	MAX14808ETK+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1638	MAX2900ETI+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1640	MAX16993ATJA/V+	135°C	1000	HRS	55	0
HIGH TEMP OP LIFE	1640	MAX16993ATJA/V+	135°C	1000	HRS	54	0
HIGH TEMP OP LIFE	1641	MAX3738ETG+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1642	MAX4810CTN+	135°C	1000	HRS	33	0
HIGH TEMP OP LIFE	1642	MAX3726UTG+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1642	MAX3726UTG+	135°C	1000	HRS	32	0
HIGH TEMP OP LIFE	1643	MAX2141ETH/V+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1646	MAX3969ETP+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1647	MAX3726UTG+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1650	MAX15038ETG+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1650	MAX2077CTN+	135°C	1000	HRS	47	0
HIGH TEMP OP LIFE	1651	MAX98706AETJ+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1651	MAX98706AETJ+	135°C	1000	HRS	15	0
HIGH TEMP OP LIFE	1651	MAX98706AETJ+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1701	MAX3748HETE+	135°C	1000	HRS	49	0
HIGH TEMP OP LIFE	1702	MAX14813ETK+	135°C	192	HRS	35	0
HIGH TEMP OP LIFE	1702	MAX14813ETK+	135°C	692	HRS	70	0
HIGH TEMP OP LIFE	1702	MAX20070GTJ/V+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1703	MAX2150ETI+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1703	MAX1932ETC+	135°C	1000	HRS	44	0
HIGH TEMP OP LIFE	1704	MAX20094ATIA/VY+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1704	MAX16984RATI/VY+	135°C	192	HRS	100	0
HIGH TEMP OP LIFE	1704	MAX2172ETL/V+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1704	MAX16047ETN+	135°C	1000	HRS	48	0

HIGH TEMP OP LIFE	1707	MAX16907SATE/V+	135°C	1000 HRS	79	0
HIGH TEMP OP LIFE	1708	MAX16984RATI/V+	135°C	1000 HRS	78	0
HIGH TEMP OP LIFE	1711	MAX5090CATE+	135°C	500 HRS	89	0
HIGH TEMP OP LIFE	1711	MAX5090CATE+	135°C	500 HRS	89	0
Total:					0	0

STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE	1126	MAX5072ETJ+	150°C	1000 HRS	80	0	
STORAGE LIFE	1347	MAX3646ETG+	150°C	1000 HRS	80	0	
STORAGE LIFE	1504	MAX3955ETJ+	150°C	1000 HRS	80	0	
STORAGE LIFE	1505	MAX3955ETJ+	150°C	1000 HRS	80	0	
STORAGE LIFE	1505	MAX3955ETJ+	150°C	1000 HRS	80	0	
STORAGE LIFE	1505	MAX3955ETJ+	150°C	1000 HRS	80	0	
STORAGE LIFE	1542	MAX16924GTM/VY+	150°C	1000 HRS	80	0	
STORAGE LIFE	1542	MAX16984SATI/VY+	150°C	1000 HRS	90	0	
STORAGE LIFE	1548	MAX2070GTM/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1548	MAX2070GTM/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1548	MAX2070GTM/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1551	MAX9286GTN/VY+	150°C	1000 HRS	68	0	
STORAGE LIFE	1551	MAX9286GTN/VY+	150°C	1000 HRS	50	0	
STORAGE LIFE	1551	MAX9286GTN/VY+	150°C	500 HRS	80	0	
STORAGE LIFE	1551	MAX9286GTN/VY+	150°C	1000 HRS	50	0	
STORAGE LIFE	1551	MAX9286GTN/VY+	150°C	1000 HRS	50	0	
STORAGE LIFE	1602	MAX5487ETE+T	150°C	1000 HRS	80	0	
STORAGE LIFE	1603	MAX2172ETL/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1605	MAX16993ATJA/V+	150°C	1000 HRS	88	0	
STORAGE LIFE	1607	MAX2143PGGH/V+T	150°C	1000 HRS	80	0	
STORAGE LIFE	1607	MAX2070GTM+	150°C	1000 HRS	90	0	
STORAGE LIFE	1607	MAX2070GTM+	150°C	1000 HRS	89	0	
STORAGE LIFE	1608	MAX2143PGGH/V+T	150°C	1000 HRS	80	0	
STORAGE LIFE	1608	MAX2143PGGH/V+T	150°C	1000 HRS	80	0	
STORAGE LIFE	1608	JAHP53081A	150°C	1000 HRS	80	0	
STORAGE LIFE	1611	MAX16065ETM+	150°C	1000 HRS	80	0	
STORAGE LIFE	1611	MAX1932ETC+	150°C	1000 HRS	80	0	
STORAGE LIFE	1612	MAX9278GTM/VY+	150°C	1000 HRS	80	0	
STORAGE LIFE	1612	MAX9278GTM/VY+	150°C	1000 HRS	80	0	
STORAGE LIFE	1612	MAX14808ETK+	150°C	1000 HRS	80	0	
STORAGE LIFE	1614	MAX20754	150°C	1000 HRS	596	0	

STORAGE LIFE	1614	MAX20754	150°C	1000 HRS	297	0
STORAGE LIFE	1614	MAX20754	150°C	1000 HRS	314	0
STORAGE LIFE	1614	MAX3969ETP+	150°C	1000 HRS	80	0
STORAGE LIFE	1615	MAX20754	150°C	1000 HRS	600	0
STORAGE LIFE	1617	MAX20754	150°C	1000 HRS	598	0
STORAGE LIFE	1617	MAX20754	150°C	1000 HRS	288	0
STORAGE LIFE	1617	MAX20754	150°C	1000 HRS	331	0
STORAGE LIFE	1618	MAX5971BETI+	150°C	1000 HRS	80	0
STORAGE LIFE	1619	MAX1031BCTI+	150°C	500 HRS	80	0
STORAGE LIFE	1619	MAX1031BCTI+	150°C	500 HRS	80	0
STORAGE LIFE	1619	MAX5073ETI+	150°C	1000 HRS	80	0
STORAGE LIFE	1620	MAX16065ETM+	150°C	1000 HRS	80	0
STORAGE LIFE	1623	MAX2900ETI+	150°C	1000 HRS	80	0
STORAGE LIFE	1626	MAX11905ETP+	150°C	1000 HRS	90	0
STORAGE LIFE	1626	MAX11905ETP+	150°C	500 HRS	85	0
STORAGE LIFE	1629	MAX16963SATEF/V+	150°C	1000 HRS	80	0
STORAGE LIFE	1629	MAX2172ETL/V+	150°C	1000 HRS	80	0
STORAGE LIFE	1630	MAX2034CTM+	150°C	1000 HRS	80	0
STORAGE LIFE	1632	MAX2077CTN+	150°C	1000 HRS	80	0
STORAGE LIFE	1633	MAX16046ATN+	150°C	1000 HRS	80	0
STORAGE LIFE	1634	MAX3726UTG+	150°C	1000 HRS	80	0
STORAGE LIFE	1635	MAX16936RATEA/V +	150°C	1000 HRS	80	0
STORAGE LIFE	1635	MAX3969ETP+	150°C	1000 HRS	80	0
STORAGE LIFE	1638	MAX1257BETM+	150°C	1000 HRS	80	0
STORAGE LIFE	1638	MAX14808ETK+	150°C	1000 HRS	80	0
STORAGE LIFE	1638	MAX2900ETI+	150°C	1000 HRS	80	0
STORAGE LIFE	1641	MAX3738ETG+	150°C	1000 HRS	80	0
STORAGE LIFE	1642	MAX4810CTN+	150°C	1000 HRS	80	0
STORAGE LIFE	1642	MAX3726UTG+	150°C	1000 HRS	80	0
STORAGE LIFE	1643	MAX2141ETH/V+	150°C	1000 HRS	80	0
STORAGE LIFE	1646	MAX3969ETP+	150°C	1000 HRS	80	0
STORAGE LIFE	1647	MAX3726UTG+	150°C	1000 HRS	80	0
STORAGE LIFE	1650	MAX15038ETG+	150°C	1000 HRS	80	0
STORAGE LIFE	1650	MAX2077CTN+	150°C	1000 HRS	80	0
STORAGE LIFE	1651	MAX98706AETJ+	150°C	1000 HRS	90	0
STORAGE LIFE	1651	MAX98706AETJ+	150°C	1000 HRS	90	0
STORAGE LIFE	1651	MAX98706AETJ+	150°C	1000 HRS	90	0

STORAGE LIFE	1701	MAX3748HETE+	150°C	1000 HRS	80	0
STORAGE LIFE	1702	MAX20070GTJ/V+	150°C	1000 HRS	80	0
STORAGE LIFE	1703	MAX2150ETI+	150°C	1000 HRS	80	0
STORAGE LIFE	1703	MAX1932ETC+	150°C	1000 HRS	80	0
STORAGE LIFE	1704	MAX20094ATIA/VY+	150°C	1000 HRS	50	0
STORAGE LIFE	1704	MAX2172ETL/V+	150°C	1000 HRS	80	0
STORAGE LIFE	1704	MAX16047ETN+	150°C	1000 HRS	80	0
STORAGE LIFE	1705	MAX14808ETK+	150°C	1000 HRS	80	0
STORAGE LIFE	1707	MAX16907SATE/V+	150°C	1000 HRS	80	0
STORAGE LIFE	1708	MAX16984RATI/V+	150°C	1000 HRS	80	0
STORAGE LIFE	1711	MAX5090CATE+	150°C	500 HRS	90	0
STORAGE LIFE	1711	MAX5090CATE+	150°C	500 HRS	90	0
STORAGE LIFE	1711	MAX5090CATE+	150°C	500 HRS	90	0
Total:					0	0

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL	1126	MAX5072ETJ+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1347	MAX3646ETG+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1542	MAX16924GTM/VY	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1542	MAX16984SATI/VY+	-65C TO +150C (Condition C)	1000 CYS	100	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1548	MAX20001ETE/V+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1548	MAX2070GTM/V+	-65C TO +150C (Condition C)	1000 CYS	100	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1548	MAX2070GTM/V+	-65C TO +150C (Condition C)	1000 CYS	100	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1551	MAX9286GTN/VY+	-65C TO +150C (Condition C)	1000 CYS	90	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1551	MAX9286GTN/VY+	-65C TO +150C (Condition C)	1000 CYS	90	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1602	MAX5487ETE+T	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1603	MAX2172ETL/V+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1607	MAX2143PGGH/V+T	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1607	MAX2070GTM+	-65C TO +150C (Condition C)	1000 CYS	120	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1607	MAX2070GTM+	-65C TO +150C (Condition C)	500 CYS	120	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1607	MAX2070GTM+	-65C TO +150C (Condition C)	1000 CYS	120	0	

TEMP CYCLE, 5' RAMP, 10' DWELL	1608	MAX2143PGGH/V+T	-65C TO +150C (Condition C)	1000 CYS	95	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1608	MAX2143PGGH/V+T	-65C TO +150C (Condition C)	1000 CYS	95	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1611	MAX16065ETM+	-65C TO +150C (Condition C)	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1611	MAX1932ETC+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1611	MAX1531ETJ	-65C TO +150C (Condition C)	500 CYS	250	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1612	MAX9278GTM/VY+	-65C TO +150C (Condition C)	1000 CYS	95	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1612	MAX9278GTM/VY+	-65C TO +150C (Condition C)	1000 CYS	95	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1612	MAX14808ETK+	-65C TO +150C (Condition C)	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1614	MAX3969ETP+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1618	MAX5971BETI+	-65C TO +150C (Condition C)	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1619	MAX1031BCTI+	-65C TO +150C (Condition C)	500 CYS	110	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1619	MAX5073ETI+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1620	MAX16065ETM+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1623	MAX2900ETI+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1626	MAX98706AETJ+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1626	MAX11905ETP+	-65C TO +150C (Condition C)	1000 CYS	88	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1626	MAX11905ETP+	-65C TO +150C (Condition C)	1000 CYS	91	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1626	MAX11905ETP+	-65C TO +150C (Condition C)	1000 CYS	100	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1629	MAX16963SATEF/V+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1629	MAX2172ETL/V+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1630	MAX2034CTM+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1632	MAX2077CTN+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1633	MAX98706AETJ+	-65C TO +150C (Condition C)	1000 CYS	77	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1633	MAX16046ATN+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1634	MAX3726UTG+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1635	MAX16936RATEA/V+	-65C TO +150C (Condition C)	500 CYS	80	0

TEMP CYCLE, 5' RAMP, 10' DWELL	1635	MAX3969ETP+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1636	MAX2181AETE/V+	-65C TO +150C (Condition C)	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1638	MAX1257BETM+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1638	MAX14808ETK+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1638	MAX2900ETI+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1640	MAX16993ATJA/V+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1641	MAX3738ETG+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1642	MAX12900ATJ+	-65C TO +150C (Condition C)	500 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1642	MAX4810CTN+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1642	MAX3726UTG+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1643	MAX2141ETH/V+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1646	MAX3969ETP+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1647	MAX3726UTG+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1650	MAX77801ETP+	-65C TO +150C (Condition C)	1000 CYS	300	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1650	MAX15038ETG+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1650	MAX2077CTN+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1651	MAX98706AETJ+	-65C TO +150C (Condition C)	1000 CYS	90	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1651	MAX98706AETJ+	-65C TO +150C (Condition C)	1000 CYS	90	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1651	MAX98706AETJ+	-65C TO +150C (Condition C)	1000 CYS	90	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1651	MAX17503ATP+	-65C TO +150C (Condition C)	100 CYS	988	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1652	MAX17503ATP+	-65C TO +150C (Condition C)	100 CYS	993	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1701	MAX3748HETE+	-65C TO +150C (Condition C)	1000 CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1702	MAX2248ETE+	-65C TO +150C (Condition C)	1000 CYS	100	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1702	MAX2248ETE+	-65C TO +150C (Condition C)	1000 CYS	100	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1702	MAX2248ETE+	-65C TO +150C (Condition C)	1000 CYS	100	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1702	MAX20070GTJ/V+	-65C TO +150C (Condition C)	1000 CYS	80	0

TEMP CYCLE, 5' RAMP, 10' DWELL	1703	MAX2150ETI+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1703	MAX1932ETC+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1704	MAX2172ETL/V+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1704	MAX16047ETN+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1705	MAX14808ETK+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1707	MAX16907SATE/V+	-65C TO +150C (Condition C)	1000	CYS	85	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1708	MAX16984RATI/V+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1711	MAX5090CATE+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1711	MAX5090CATE+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1711	MAX5090CATE+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1714	MAX9275GTN/V+	-65C TO +150C (Condition C)	500	CYS	22	0
Total:						0	0

TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
BIASED MOISTURE	1126	MAX5072ETJ+	130C, 85% R.H.	100 HRS	46	0	
BIASED MOISTURE	1126	MAX5072ETJ+	130C, 85% R.H.	100 HRS	34	0	
BIASED MOISTURE	1347	MAX3646ETG+	130C, 85% R.H.	100 HRS	80	0	
BIASED MOISTURE	1432	MAX8795AGTJ/V+	130C, 85% R.H.	100 HRS	17	0	
BIASED MOISTURE	1507	MAX16989ATJC/V+	130C, 85% R.H.	100 HRS	80	0	
BIASED MOISTURE	1507	MAX16989ATJC/V+	130C, 85% R.H.	96 HRS	80	0	
BIASED MOISTURE	1507	MAX16989ATJC/V+	130C, 85% R.H.	100 HRS	80	0	
BIASED MOISTURE	1512	MAX2181AETE/V+	130C, 85% R.H.	100 HRS	80	0	
BIASED MOISTURE	1542	MAX16984SATI/VY+	130C, 85% R.H.	96 HRS	38	0	
BIASED MOISTURE	1545	MAX2181AETE/V+	130C, 85% R.H.	100 HRS	80	0	
BIASED MOISTURE	1545	MAX2181AETE/V+	130C, 85% R.H.	100 HRS	80	0	
BIASED MOISTURE	1545	MAX2181AETE/V+	130C, 85% R.H.	100 HRS	80	0	
BIASED MOISTURE	1548	MAX2070GTM/V+	130C, 85% R.H.	96 HRS	80	0	
BIASED MOISTURE	1602	MAX5487ETE+T	130C, 85% R.H.	96 HRS	80	0	
BIASED MOISTURE	1608	MAX15157ATJ+	130C, 85% R.H.	100 HRS	71	0	
BIASED MOISTURE	1611	MAX16065ETM+	130C, 85% R.H.	100 HRS	80	0	
BIASED MOISTURE	1611	MAX1932ETC+	130C, 85% R.H.	100 HRS	46	0	
BIASED MOISTURE	1614	MAX3969ETP+	130C, 85% R.H.	100 HRS	80	0	
BIASED MOISTURE	1618	MAX5971BETI+	130C, 85% R.H.	100 HRS	80	0	

BIASED MOISTURE	1619	MAX5073ETI+	130C, 85% R.H.	100	HRS	43	0
BIASED MOISTURE	1619	MAX5073ETI+	130C, 85% R.H.	100	HRS	37	0
BIASED MOISTURE	1620	MAX16065ETM+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1623	MAX2900ETI+	130C, 85% R.H.	96	HRS	42	0
BIASED MOISTURE	1623	MAX2900ETI+	130C, 85% R.H.	96	HRS	38	0
BIASED MOISTURE	1629	MAX16963SATEF/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1630	MAX2769BETI/V+	130C, 85% R.H.	96	HRS	38	0
BIASED MOISTURE	1630	MAX2034CTM+	130C, 85% R.H.	96	HRS	48	0
BIASED MOISTURE	1632	MAX2769BETI/V+	130C, 85% R.H.	96	HRS	38	0
BIASED MOISTURE	1632	MAX2077CTN+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1633	MAX2181AETE/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1633	MAX16046ATN+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1634	MAX3726UTG+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1635	MAX16936RATEA/V +	130C, 85% R.H.	100	HRS	78	0
BIASED MOISTURE	1638	MAX1257BETM+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1638	MAX2900ETI+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1638	MAX2900ETI+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1640	MAX16993ATJA/V+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1640	MAX16993ATJA/V+	130C, 85% R.H.	96	HRS	78	0
BIASED MOISTURE	1641	MAX3738ETG+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1642	MAX3726UTG+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1643	MAX2141ETH/V+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1643	MAX2141ETH/V+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1646	MAX3969ETP+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1647	MAX3726UTG+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1650	MAX15038ETG+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1650	MAX2077CTN+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1651	MAX17503ATP+	130C, 85% R.H.	100	HRS	79	0
BIASED MOISTURE	1652	MAX17503ATP+	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	1701	MAX3748HETE+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1702	MAX20070GTJ/V+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1702	MAX20070GTJ/V+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1703	MAX2150ETI+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1703	MAX2150ETI+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1703	MAX1932ETC+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1703	MAX1932ETC+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1704	MAX20094ATIA/VY+	130C, 85% R.H.	100	HRS	35	0

BIASED MOISTURE	1704	MAX2172ETL/V+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1704	MAX2172ETL/V+	130C, 85% R.H.	96	HRS	40	0
BIASED MOISTURE	1704	MAX16047ETN+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1707	MAX16907SATE/V+	130C, 85% R.H.	96	HRS	37	0
BIASED MOISTURE	1707	MAX16907SATE/V+	130C, 85% R.H.	96	HRS	10	0
BIASED MOISTURE	1708	MAX16984RATI/V+	130C, 85% R.H.	96	HRS	39	0
BIASED MOISTURE	1708	MAX16984RATI/V+	130C, 85% R.H.	96	HRS	39	0
Total:							0

UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
MOISTURE SOAK	1202	MAX9695ETM+	130C, 85% R.H.	300	HRS	80	0
MOISTURE SOAK	1217	MAX9695ETM+	130C, 85% R.H.	300	HRS	77	0
MOISTURE SOAK	1217	MAX9695ETM+	130C, 85% R.H.	300	HRS	77	0
MOISTURE SOAK	1219	MAX9695ETM+	130C, 85% R.H.	300	HRS	77	0
MOISTURE SOAK	1607	MAX2070GTM+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1607	MAX2070GTM+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1607	MAX2070GTM+	130C, 85% R.H.	96	HRS	85	0
MOISTURE SOAK	1608	JAHP53081A	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1612	MAX14808ETK+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1618	MAX5971BETI+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1619	MAX1031BCTI+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1619	MAX1031BCTI+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1619	MAX1031BCTI+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1633	MAX98706AETJ+	130C, 85% R.H.	96	HRS	77	0
MOISTURE SOAK	1635	MAX16936RATEA/V +	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1635	MAX3969ETP+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1638	MAX14808ETK+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1642	MAX12900ATJ+	130C, 85% R.H.	96	HRS	77	0
MOISTURE SOAK	1642	MAX4810CTN+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1651	MAX17503ATP+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1652	MAX17503ATP+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1705	MAX14808ETK+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1707	MAX16907SATE/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1711	MAX5090CATE+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1711	MAX5090CATE+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1711	MAX5090CATE+	130C, 85% R.H.	96	HRS	80	0
Total:							0

Assembly Information:

Package Type: TQFN-CU (Pb-Free)

Date Code Range: 1646 to 1716

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE		MAX77752AETL+	135°C	192 HRS	79	0	
HIGH TEMP OP LIFE	1518	MAX17506ATP+	135°C	1000 HRS	78	0	
HIGH TEMP OP LIFE	1542	MAX3967AETG+	135°C	1000 HRS	48	0	
HIGH TEMP OP LIFE	1542	MAX3967AETG+	135°C	1000 HRS	32	0	
HIGH TEMP OP LIFE	1548	MAX17690ATE+	135°C	192 HRS	80	0	
HIGH TEMP OP LIFE	1609	MAX20030ATMA/V+	135°C	1000 HRS	78	0	
HIGH TEMP OP LIFE	1609	MAX17525ATP+	135°C	192 HRS	85	0	
HIGH TEMP OP LIFE	1609	MAX17525ATP+	135°C	192 HRS	78	0	
HIGH TEMP OP LIFE	1610	MAX20013ATG/V+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1611	MAX20013ATGA/V+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1614	MAX890ETN+	135°C	1000 HRS	90	0	
HIGH TEMP OP LIFE	1615	MAX890ETN+	135°C	1000 HRS	88	0	
HIGH TEMP OP LIFE	1615	MAX890ETN+	135°C	1000 HRS	87	0	
HIGH TEMP OP LIFE	1616	MAX15068ATP+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1620	MAX20013ATGA/V+	135°C	500 HRS	79	0	
HIGH TEMP OP LIFE	1622	MAX20418ATGB/V+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1624	MAX20066ATPA/VY+	135°C	1000 HRS	79	0	
HIGH TEMP OP LIFE	1624	MAX20066ATPA/VY+	135°C	1000 HRS	71	0	
HIGH TEMP OP LIFE	1624	MAX20066ATPA/VY+	135°C	1000 HRS	79	0	
HIGH TEMP OP LIFE	1626	MAX20066ATPA/VY+	135°C	1000 HRS	79	0	
HIGH TEMP OP LIFE	1628	MAX20073ATBA/V+	135°C	1000 HRS	79	0	
HIGH TEMP OP LIFE	1629	MAX20066ATPA/VY+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1629	MAX20066ATPA/VY+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1631	MAX14778ETP+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1633	MAX17574ATG+	135°C	500 HRS	80	0	
HIGH TEMP OP LIFE	1634	MAX98723BENX+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1643	MAX98723BENX+	135°C	500 HRS	80	0	
HIGH TEMP OP LIFE	1643	MAX98723BENX+	135°C	500 HRS	80	0	
HIGH TEMP OP LIFE	1646	MAX20046GTC/V+	135°C	500 HRS	80	0	
HIGH TEMP OP LIFE	1646	MAX14819ATM+	135°C	192 HRS	78	0	
HIGH TEMP OP LIFE	1649	MAX20090ATP/V+	135°C	192 HRS	80	0	
HIGH TEMP OP LIFE	1650	MAX20418ATGB/V+	135°C	1000 HRS	80	0	

HIGH TEMP OP LIFE	1651	MAX20418ATGB/V+	135°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1651	MAX20418ATGB/V+	135°C	1000 HRS	80	0
HIGH TEMP OP LIFE	1715	MAX20046GTC/V+	135°C	500 HRS	80	0
HIGH TEMP OP LIFE	1716	MAX20046GTC/V+	135°C	500 HRS	80	0
Total:						0

STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE	1542	MAX3967AETG+	150°C	1000 HRS	80	0	
STORAGE LIFE	1611	MAX20066ATPB/V+	150°C	1000 HRS	50	0	
STORAGE LIFE	1616	MAX15068ATP+	150°C	1000 HRS	80	0	
STORAGE LIFE	1624	MAX20066ATPA/VY+	150°C	1000 HRS	80	0	
STORAGE LIFE	1624	MAX20066ATPA/VY+	150°C	1000 HRS	78	0	
STORAGE LIFE	1626	MAX20066ATPA/VY+	150°C	1000 HRS	80	0	
STORAGE LIFE	1629	MAX20066ATPA/VY+	150°C	1000 HRS	80	0	
STORAGE LIFE	1629	MAX20066ATPA/VY+	150°C	1000 HRS	80	0	
STORAGE LIFE	1631	MAX20003ATPB/V+	150°C	1000 HRS	50	0	
STORAGE LIFE	1631	MAX14778ETP+	150°C	1000 HRS	80	0	
STORAGE LIFE	1634	MAX98723BENX+	150°C	1000 HRS	50	0	
STORAGE LIFE	1643	MAX98723BENX+	150°C	1000 HRS	50	0	
STORAGE LIFE	1645	MAX20046GTCA/V+	150°C	1000 HRS	80	0	
STORAGE LIFE	1650	MAX20418ATGB/V+	150°C	1000 HRS	50	0	
Total:						0	

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL	1542	MAX3967AETG+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1546	MAX20003ATPA/V+	-65C TO +150C (Condition C)	2000 CYS	30	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1603	MAX20003ATPB/V+	-65C TO +150C (Condition C)	1000 CYS	30	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1603	MAX20003ATPB/V+	-65C TO +150C (Condition C)	1000 CYS	30	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1616	MAX15068ATP+	-65C TO +150C (Condition C)	1000 CYS	79	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1624	MAX20066ATPA/VY+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1624	MAX20066ATPA/VY+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1624	MAX20066ATPA/VY+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1624	MAX20066ATPA/VY+	-65C TO +150C (Condition C)	1000 CYS	80	0	

TEMP CYCLE, 5' RAMP, 10' DWELL	1626	MAX20066ATPA/VY+ -65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1629	MAX20066ATPA/VY+ -65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1629	MAX20066ATPA/VY+ -65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1631	MAX20003ATPB/V+ -65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1631	MAX20003ATPB/V+ -65C TO +150C (Condition C)	2000	CYS	60	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1631	MAX20003ATPB/V+ -65C TO +150C (Condition C)	3000	CYS	60	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1631	MAX14778ETP+ -65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 15' RAMP, 15' DWELL	1631	MAX98723AENX+ -40C TO +125C (Condition G)	850	CYS	80	0
TEMP CYCLE, 15' RAMP, 15' DWELL	1631	MAX98723AENX+ -40C TO +125C (Condition G)	850	CYS	80	0
TEMP CYCLE, 15' RAMP, 15' DWELL	1631	MAX98723AENX+ -40C TO +125C (Condition G)	850	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1645	MAX20046GTCA/V+ -65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1646	MAX20076ATCA/V+ -65C TO +150C (Condition C)	1000	CYS	48	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1647	87-32510+DPS -65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1650	MAX20418ATGB/V+ -65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1651	MAX98706AETJ+ -65C TO +150C (Condition C)	500	CYS	110	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1651	MAX98706AETJ+ -65C TO +150C (Condition C)	500	CYS	100	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1651	MAX98706AETJ+ -65C TO +150C (Condition C)	500	CYS	110	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1651	MAX20418ATGB/V+ -65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1651	MAX20418ATGB+/V -65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1651	MAX20418ATGB/V+ -65C TO +150C (Condition C)	500	CYS	85	0
Total:						0

TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
BIASED MOISTURE	1542	MAX3967AETG+	130C, 85% R.H.	100 HRS	80	0	
BIASED MOISTURE	1547	MAX20003ATPB/V+	130C, 85% R.H.	200 HRS	62	0	
BIASED MOISTURE	1603	MAX20003ATPB/V+	130C, 85% R.H.	200 HRS	71	0	
BIASED MOISTURE	1624	MAX20066ATPA/VY+	130C, 85% R.H.	100 HRS	80	0	
BIASED MOISTURE	1624	MAX20066ATPA/VY+	130C, 85% R.H.	100 HRS	80	0	
BIASED MOISTURE	1624	MAX20066ATPA/VY+	130C, 85% R.H.	96 HRS	80	0	
BIASED MOISTURE	1626	MAX20066ATPA/VY+	130C, 85% R.H.	100 HRS	80	0	

BIASED MOISTURE	1629	MAX20066ATPA/VY+	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	1629	MAX20066ATPA/VY+	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	1631	MAX20003ATPB/V+	130C, 85% R.H.	100	HRS	72	0
BIASED MOISTURE	1631	MAX20003ATPB/V+	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	1631	MAX14778ETP+	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	1645	MAX20046GTCA/V+	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	1650	MAX20418ATGB/V+	130C, 85% R.H.	96	HRS	78	0
BIASED MOISTURE	1651	MAX20418ATGB/V+	130C, 85% R.H.	96	HRS	80	0
Total:						0	0

UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
MOISTURE SOAK	1616	MAX15068ATP+	130C, 85% R.H.	100	HRS	70	0
MOISTURE SOAK	1624	MAX20066ATPA/VY+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1624	MAX20066ATPA/VY+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1624	MAX20066ATPA/VY+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1626	MAX20066ATPA/VY+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1629	MAX20066ATPA/VY+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1629	MAX20066ATPA/VY+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1631	MAX14778ETP+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1631	MAX98723AENX+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1631	MAX98723AENX+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1631	MAX98723AENX+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1650	MAX20418ATGB/V+	130C, 85% R.H.	100	HRS	80	0
MOISTURE SOAK	1651	MAX98706AETJ+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1651	MAX98706AETJ+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1651	MAX98706AETJ+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1651	MAX20418ATGB/V+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1651	MAX20418ATGB/V+	130C, 85% R.H.	96	HRS	80	0
Total:						0	0

FAILURE RATE: MTTF (YRS): 1141552 FITS: 0.1