1/17/2017

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 specifc assemblies included in this package monitor are:

ASSY SITE	PINS	PACKAGE			
ANAM-AICL	8	QFN (Pb-Free)	ASAT-DongGuan (C	16	TQFN (Pb-Free)
ASAT-DongGuan (C	20	TQFN (Pb-Free)	ASAT-DongGuan (C	32	TQFN (Pb-Free)
ASAT-DongGuan (C	68	TQFN (Pb-Free)	ASE Chung-Li	48	QFN (Pb-Free)
ASE Chung-Li	56	QFN (Pb-Free)	ASE Chung-Li	32	TQFN
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	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	48	TQFN-CU (Pb-Free)	ASE Chung-Li	56	TQFN-CU (Pb-Free)
ASE Kaoshiung	20	TQFN-CU (Pb-Free)	ATK (Amkor, K)	48	TQFN (Pb-Free)
ATP (Amkor, PI)	68	QFN (Pb-Free)	ATP (Amkor, PI)	32	TQFN (Pb-Free)
Dallas-Maxfilm	56	TQFN (Pb-Free)	JCET	16	TQFN (Pb-Free)
JCET	32	TQFN (Pb-Free)	JCET	48	TQFN (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)
UTL (NSEB) UTAC	48	TQFN	UTL (NSEB) UTAC	16	TQFN (Pb-Free)
UTL (NSEB) UTAC	20	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	40	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	68	TQFN (Pb-Free)	UTL (NSEB) UTAC	20	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. A 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 10/1/2016 and 12/31/2016 .

Assembly Information:

Package Type: QFN (Pb-Free)

Date Code Range: 1437 to 1613

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+CKT	135°C	500 HRS	78	0	
HIGH TEMP OP LIFE	1611	MAX5895EGK+D	135°C	1000 HRS	48	0	

HIGH TEMP OP LIFE	1613	MAX14912AKN+	135°C	192	HRS	80	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**	

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**	

Assembly Information:

Package Type: TQFN

Date Code Range: 1542 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**	

PRECONDITIONING LEVEL 3

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT		QUANTITY	FAILS	FA NO
CONVECTION REFLOW	1542	MAX20754Z	260C +0/-5C	168	PASS	100	0	
					Total:		**0**	

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT		QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL		MAX20754Z	-65C TO +150C (Condition C)	1000	CYS	77	0	
					Total:		**0**	

TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT		QUANTITY	FAILS	FA NO
BIASED MOISTURE	1542	MAX20754Z	130C, 85% R.H.	96	HRS	77	0	
BIASED MOISTURE	1551	MAX2153ETJ/V+	130C, 85% R.H.	96	HRS	78	0	
BIASED MOISTURE	1551	MAX2153ETJ/V+	130C, 85% R.H.	96	HRS	80	0	
BIASED MOISTURE	1551	MAX2153ETJ/V+	130C, 85% R.H.	96	HRS	80	0	
					Total:		**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**	

Assembly Information:

Package Type: TQFN (Pb-Free)

Date Code Range: 1126 to 1636

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	1151	MAX8795AGTJ+	135°C	500	HRS	29	0	
HIGH TEMP OP LIFE	1432	MAX8795AGTJ/V+	135°C	500	HRS	49	0	
HIGH TEMP OP LIFE	1504	MAX3955ETJ+	135°C	192	HRS	77	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	192	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	1507	MAX16989ATJC/V+	135°C	1000	HRS	80	0	
HIGH TEMP OP LIFE	1507	MAX16989ATJC/V+	135°C	1000	HRS	80	0	
HIGH TEMP OP LIFE	1512	MAX2181AETE/V+	135°C	1000	HRS	77	0	
HIGH TEMP OP LIFE	1518	MAX5980GTJ+	135°C	1000	HRS	80	0	
HIGH TEMP OP LIFE	1519	MAX5992AETG+	135°C	1000	HRS	80	0	
HIGH TEMP OP LIFE	1519	806-0696-20+	135°C	500	HRS	80	0	

HIGH TEMP OP LIFE	1521	MAX8682ETM+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1522	MAX2769BETI/V+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1526	MAX16984SATI/VY+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1526	MAX16984SATI/VY+	135°C	1000	HRS	77	0
HIGH TEMP OP LIFE	1533	MAX15119GTM+	135°C	1000	HRS	47	0
HIGH TEMP OP LIFE	1533	MAX15119GTM+	135°C	1000	HRS	40	0
HIGH TEMP OP LIFE	1533	MAX15119GTM+	135°C	476	HRS	40	0
HIGH TEMP OP LIFE	1535	MAX16047ETN+	135°C	1000	HRS	48	0
HIGH TEMP OP LIFE	1537	MAX24016ETJ+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1540	MAX14808ETK+	135°C	500	HRS	79	0
HIGH TEMP OP LIFE	1540	MAX14808ETK+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1541	MAX14808ETK+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1541	MAX14808ETK+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1542	MAX16924GTMVY+	135°C	500	HRS	79	0
HIGH TEMP OP LIFE	1542	MAX16984SATI/VY+	135°C	500	HRS	78	0
HIGH TEMP OP LIFE	1542	MAX16984SATI/VY+	135°C	1000	HRS	78	0
HIGH TEMP OP LIFE	1545	MAX2181AETE/V+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1545	MAX2181AETE/V+	135°C	192	HRS	78	0
HIGH TEMP OP LIFE	1546	MAX15119GTM+	135°C	476	HRS	40	0
HIGH TEMP OP LIFE	1546	MAX15119GTM+	135°C	1000	HRS	40	0
HIGH TEMP OP LIFE	1546	MAX16907SATE/V+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1546	MAX16907SATE/V+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1546	MAX16907SATE/V+	135°C	1000	HRS	78	0
HIGH TEMP OP LIFE	1546	MAX16907SATE/V+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1546	MAX16907SATE/V+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1547	MAX16939ATESA/V+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1548	MAX3522CTN+	135°C	192	HRS	24	0
HIGH TEMP OP LIFE	1548	MAX20001ETE/V+	135°C	500	HRS	46	0
HIGH TEMP OP LIFE	1548	MAX20001ETE/V+	135°C	1000	HRS	46	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	500	HRS	31	0
HIGH TEMP OP LIFE	1548	MAX20001ETE/V+	135°C	1000	HRS	78	0
HIGH TEMP OP LIFE	1548	MAX20001ETE/V+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1548	MAX2070GTM/V+	135°C	1000	HRS	42	0
HIGH TEMP OP LIFE	1548	MAX2070GTM/V+	135°C	500	HRS	42	0
HIGH TEMP OP LIFE	1548	MAX2070GTM/V+	135°C	500	HRS	42	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	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	MAX15157ATJ+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1605	MAX16993ATJA/V+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1605	MAX16993ATJA/V+	135°C	500	HRS	79	0
HIGH TEMP OP LIFE	1605	MAX16993ATJA/V+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1606	MAX16984SATI/VY+	135°C	500	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	500	HRS	90	0
HIGH TEMP OP LIFE	1607	MAX2070GTM+	135°C	1000	HRS	90	0
HIGH TEMP OP LIFE	1607	MAX2070GTM+	135°C	500	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	35	0
HIGH TEMP OP LIFE	1611	MAX16065ETM+	135°C	1000	HRS	45	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	MAX9278GTM/VY+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1612	MAX9278GTM/VY+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1613	MAX13362ATL/V+T	135°C	48	HRS	79	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	500	HRS	54	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	1633	MAX2181AETE/V+	135°C	192	HRS		80	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
						Total:		**0**

PRECONDITIONING LEVEL 1

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT		QUANTITY	FAILS	FA NO
CONVECTION REFLOW	1512	MAX2181AETE/V+	260C +0/-5C	3	PASS	250	0	
					Total:		**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	500	HRS	80	0	
STORAGE LIFE	1504	MAX3955ETJ+	150°C	1000	HRS	80	0	
STORAGE LIFE	1505	MAX3955ETJ+	150°C	500	HRS	80	0	
STORAGE LIFE	1505	MAX3955ETJ+	150°C	1000	HRS	80	0	
STORAGE LIFE	1505	MAX3955ETJ+	150°C	500	HRS	80	0	
STORAGE LIFE	1505	MAX3955ETJ+	150°C	1000	HRS	80	0	
STORAGE LIFE	1505	MAX3955ETJ+	150°C	500	HRS	80	0	
STORAGE LIFE	1505	MAX3955ETJ+	150°C	1000	HRS	80	0	
STORAGE LIFE	1507	MAX16989ATJC/V+	150°C	1000	HRS	50	0	
STORAGE LIFE	1519	MAX5992AETG+	150°C	1000	HRS	80	0	
STORAGE LIFE	1533	806-0696-23+	150°C	1000	HRS	80	0	
STORAGE LIFE	1533	MAX15119GTM+	150°C	1000	HRS	80	0	
STORAGE LIFE	1540	MAX98307ETE/V+	150°C	500	HRS	50	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	1542	MAX16984SATI/VY+	150°C	500	HRS	90	0	
STORAGE LIFE	1546	MAX16907SATE/V+	150°C	500	HRS	80	0	
STORAGE LIFE	1546	MAX16907SATE/V+	150°C	1000	HRS	80	0	
STORAGE LIFE	1546	MAX16907SATE/V+	150°C	500	HRS	80	0	
STORAGE LIFE	1546	MAX16907SATE/V+	150°C	500	HRS	80	0	
STORAGE LIFE	1546	MAX16907SATE/V+	150°C	1000	HRS	80	0	
STORAGE LIFE	1548	MAX20001ETE/V+	150°C	1000	HRS	80	0	
STORAGE LIFE	1548	MAX20001ETE/V+	150°C	500	HRS	80	0	
STORAGE LIFE	1548	MAX20001ETE/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	500	HRS	80	0
STORAGE LIFE	1548	MAX2070GTM/V+	150°C	500	HRS	80	0
STORAGE LIFE	1548	MAX2070GTM/V+	150°C	1000	HRS	80	0
STORAGE LIFE	1548	MAX2070GTM/V+	150°C	500	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	1603	MAX2172ETL/V+	150°C	1000	HRS	80	0
STORAGE LIFE	1605	MAX16993ATJA/V+	150°C	500	HRS	90	0
STORAGE LIFE	1605	MAX16993ATJA/V+	150°C	500	HRS	90	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	500	HRS	90	0
STORAGE LIFE	1607	MAX2070GTM+	150°C	1000	HRS	90	0
STORAGE LIFE	1607	MAX2070GTM+	150°C	1000	HRS	89	0
STORAGE LIFE	1607	MAX2070GTM+	150°C	1000	HRS	90	0
STORAGE LIFE	1608	MAX15157ATJ+	150°C	1000	HRS	80	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	1634	MAX3726UTG+	150°C	1000	HRS		80	0
STORAGE LIFE	1635	MAX3969ETP+	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	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	1347	MAX3646ETG+	-65C TO +150C (Condition C)	500	CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1507	MAX16989ATJC/V+	-65C TO +150C (Condition C)	500	CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1507	MAX16989ATJC/V+	-65C TO +150C (Condition C)	500	CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1507	MAX16989ATJC/V+	-65C TO +150C (Condition C)	500	CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1512	MAX2181AETE/V+	-65C TO +150C (Condition C)	500	CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1522	MAX2769BETI/V+	-65C TO +150C (Condition C)	500	CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1528	MAX16834ATP/V+	-65C TO +150C (Condition C)	1000	CYS	24	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1528	MAX16834ATP/V+	-65C TO +150C (Condition C)	1000	CYS	47	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1529	MAX1358BETL+	-65C TO +150C (Condition C)	500	CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1532	MAX16823ATE/V+	-65C TO +150C (Condition C)	1000	CYS	45	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1533	MAX8904ETN+GC5	-65C TO +150C (Condition C)	500	CYS	500	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1540	MAX98307ETE/V+	-65C TO +150C (Condition C)	500	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)	500	CYS	120	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	1544	MAX98307ETE/V+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1544	MAX98307ETE/V+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1544	MAX98307ETE/V+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1544	MAX98307ETE/V+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1545	MAX16076ATP/V+GH7	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1545	MAX2181AETE/V+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1545	MAX2181AETE/V+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1545	MAX2181AETE/V+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1546	MAX16907SATE/V+	-65C TO +150C (Condition C)	1000	CYS	99	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1546	MAX16907SATE/V+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1548	MAX20001ETE/V+	-65C TO +150C (Condition C)	1000	CYS	90	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1548	MAX20001ETE/V+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1548	MAX20001ETE/V+	-65C TO +150C (Condition C)	1000	CYS	58	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	MAX20001ETE/V+	-65C TO +150C (Condition C)	1000	CYS	90	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)	500	CYS	120	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)	500	CYS	120	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1548	MAX2070GTM/V+	-65C TO +150C (Condition C)	500	CYS	120	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	1605	MAX16993ATJA/V+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1605	MAX16993ATJA/V+	-65C TO +150C (Condition C)	500	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)	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	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	1607	MAX2070GTM+	-65C TO +150C (Condition C)	500	CYS	120	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1608	MAX15157ATJ+	-65C TO +150C (Condition C)	500	CYS	80	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	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	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	1633	MAX98706AETJ+	-65C TO +150C (Condition C)	1000	CYS		77	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	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
						Total:		**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	1522	MAX2769BETI/V+	130C, 85% R.H.	96	HRS	32	0	
BIASED MOISTURE	1540	MAX98307ETE/V+	130C, 85% R.H.	96	HRS	34	0	
BIASED MOISTURE	1542	MAX16984SATI/VY+	130C, 85% R.H.	96	HRS	38	0	
BIASED MOISTURE	1544	MAX98307ETE/V+	130C, 85% R.H.	96	HRS	35	0	
BIASED MOISTURE	1544	MAX98307ETE/V+	130C, 85% R.H.	96	HRS	45	0	
BIASED MOISTURE	1544	MAX98307ETE/V+	130C, 85% R.H.	100	HRS	46	0	
BIASED MOISTURE	1544	MAX98307ETE/V+	130C, 85% R.H.	100	HRS	34	0	
BIASED MOISTURE	1544	MAX98307ETE/V+	130C, 85% R.H.	100	HRS	34	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	MAX20001ETE/V+	130C, 85% R.H.	96	HRS	35	0	
BIASED MOISTURE	1548	MAX20001ETE/V+	130C, 85% R.H.	96	HRS	40	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	1633	MAX2181AETE/V+	130C, 85% R.H.	96	HRS		80	0
BIASED MOISTURE	1634	MAX3726UTG+	130C, 85% R.H.	96	HRS		80	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	1432	MAX5971BETI+	130C, 85% R.H.	100	HRS	80	0	
MOISTURE SOAK	1507	MAX16989ATJC/V+	130C, 85% R.H.	96	HRS	80	0	
MOISTURE SOAK	1507	MAX16989ATJC/V+	130C, 85% R.H.	96	HRS	80	0	
MOISTURE SOAK	1507	MAX16989ATJC/V+	130C, 85% R.H.	100	HRS	80	0	
MOISTURE SOAK	1540	MAX98307ETE/V+	130C, 85% R.H.	100	HRS	80	0	
MOISTURE SOAK	1542	MAX16924GTM/VY+	130C, 85% R.H.	96	HRS	80	0	
MOISTURE SOAK	1542	MAX16984SATI/VY+	130C, 85% R.H.	96	HRS	90	0	
MOISTURE SOAK	1542	MAX16924GTM/VY+	130C, 85% R.H.	96	HRS	80	0	
MOISTURE SOAK	1544	MAX98307ETE/V+	130C, 85% R.H.	100	HRS	80	0	
MOISTURE SOAK	1544	MAX98307ETE/V+	130C, 85% R.H.	100	HRS	80	0	
MOISTURE SOAK	1544	MAX98307ETE/V+	130C, 85% R.H.	100	HRS	80	0	
MOISTURE SOAK	1545	MAX2181AETE/V+	130C, 85% R.H.	100	HRS	80	0	
MOISTURE SOAK	1545	MAX2181AETE/V+	130C, 85% R.H.	100	HRS	80	0	
MOISTURE SOAK	1546	MAX16907SATE/V+	130C, 85% R.H.	96	HRS	90	0	
MOISTURE SOAK	1546	MAX16907SATE/V+	130C, 85% R.H.	96	HRS	90	0	
MOISTURE SOAK	1548	MAX20001ETE/V+	130C, 85% R.H.	96	HRS	80	0	

MOISTURE SOAK	1548	MAX20001ETE/V+	130C, 85% R.H.	1000	HRS		80	0
MOISTURE SOAK	1548	MAX20001ETE/V+	130C, 85% R.H.	96	HRS		80	0
MOISTURE SOAK	1548	MAX2070GTM/V+	130C, 85% R.H.	96	HRS		80	0
MOISTURE SOAK	1548	MAX2070GTM/V+	130C, 85% R.H.	96	HRS		80	0
MOISTURE SOAK	1548	MAX2070GTM/V+	130C, 85% R.H.	96	HRS		80	0
MOISTURE SOAK	1605	MAX16993ATJA/V+	130C, 85% R.H.	96	HRS		80	0
MOISTURE SOAK	1605	MAX16993ATJA/V+	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		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	MAX3969ETP+	130C, 85% R.H.	96	HRS		80	0
						Total:		**0**

Assembly Information:

Package Type: TQFN-CU (Pb-Free)

Date Code Range: 1521 to 1651

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT		QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	1542	MAX14827ATG+	135°C	192	HRS	80	0	
HIGH TEMP OP LIFE	1548	MAX17690ATE+	135°C	192	HRS	80	0	
HIGH TEMP OP LIFE	1609	MAX20030ATMA/V+	135°C	500	HRS	78	0	
HIGH TEMP OP LIFE	1609	MAX20030ATMA/V+	135°C	1000	HRS	78	0	
HIGH TEMP OP LIFE	1609	MAX20026ATIB/V+	135°C	1000	HRS	80	0	
HIGH TEMP OP LIFE	1609	MAX17525ATP+	135°C	192	HRS	85	0	
HIGH TEMP OP LIFE	1610	MAX20013ATG/V+	135°C	1000	HRS	80	0	
HIGH TEMP OP LIFE	1610	MAX20013ATG/V+	135°C	500	HRS	80	0	
HIGH TEMP OP LIFE	1611	MAX20013ATGA/V+	135°C	1000	HRS	80	0	
HIGH TEMP OP LIFE	1611	MAX20031ATGA/V+	135°C	500	HRS	80	0	
HIGH TEMP OP LIFE	1611	MAX20066ATPA/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	90	0	
HIGH TEMP OP LIFE	1615	MAX890ETN+	135°C	500	HRS	89	0	

HIGH TEMP OP LIFE	1615	MAX890ETN+	135°C	1000	HRS	87	0	
HIGH TEMP OP LIFE	1615	MAX20013ATGA/V+	135°C	500	HRS	80	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	192	HRS	80	0	
HIGH TEMP OP LIFE	1624	MAX20066ATPA/VY+	135°C	1000	HRS	79	0	
HIGH TEMP OP LIFE	1626	MAX20066ATPA/VY+	135°C	500	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	500	HRS	80	0	
HIGH TEMP OP LIFE	1631	MAX14778ETP+	135°C	1000	HRS	80	0	
HIGH TEMP OP LIFE	1634	MAX98723BENX+	135°C	192	HRS	80	0	
HIGH TEMP OP LIFE	1634	MAX98723BENX+	135°C	1000	HRS	80	0	
HIGH TEMP OP LIFE	1634	MAX98723BENX+	135°C	192	HRS	80	0	
HIGH TEMP OP LIFE	1634	MAX98723BENX+	135°C	192	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	
					Total:		**0**	

STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT		QUANTITY	FAILS	FA NO
STORAGE LIFE	1521	MAX8904ETN+	150°C	1000	HRS	79	0	
STORAGE LIFE	1521	MAX8904ETN+	150°C	1000	HRS	80	0	
STORAGE LIFE	1535	MAX14778ETP+	150°C	1000	HRS	80	0	
STORAGE LIFE	1546	MAX20003ATPA/V+	150°C	1000	HRS	50	0	
STORAGE LIFE	1547	MAX20003ATPB/V+	150°C	2000	HRS	48	0	
STORAGE LIFE	1547	MAX20003ATPB/V+	150°C	1000	HRS	50	0	
STORAGE LIFE	1603	MAX20003ATPB/V+	150°C	2000	HRS	50	0	
STORAGE LIFE	1603	MAX20003ATPB/V+	150°C	1000	HRS	50	0	
STORAGE LIFE	1610	MAX20013ATGA/V+	150°C	500	HRS	50	0	
STORAGE LIFE	1611	MAX20066ATPB/V+	150°C	1000	HRS	50	0	
STORAGE LIFE	1611	MAX20066ATPB/V+	150°C	500	HRS	50	0	
STORAGE LIFE	1615	MAX20013ATGA/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	500	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
						Total:		**0**

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT		QUANTITY	FAILS	FA NO
TEMP CYCLE, 15' RAMP, 15' DWELL		MAX98723BENX+	-40C TO +125C (Condtion G)	250	CYS	80	0	
TEMP CYCLE, 15' RAMP, 15' DWELL		MAX98723BENX+	-40C TO +125C (Condtion G)	250	CYS	80	0	
TEMP CYCLE, 15' RAMP, 15' DWELL		MAX98723BENX+	-40C TO +125C (Condtion G)	250	CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1521	MAX8904ETN+	-65C TO +150C (Condition C)	1000	CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1521	MAX8904ETN+	-65C TO +150C (Condition C)	1000	CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1522	MAX16995ATPI/V+	-65C TO +150C (Condition C)	500	CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1545	MAX16995ATPI/V+	-65C TO +150C (Condition C)	500	CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1546	MAX20003ATPA/V+	-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	1547	MAX20003ATPB/V+	-65C TO +150C (Condition C)	500	CYS	80	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)	500	CYS	80	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	1610	MAX20013ATG/V+	-65C TO +150C (Condition C)	1000	CYS	75	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1611	MAX20013ATGA/V+	-65C TO +150C (Condition C)	1000	CYS	75	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1611	MAX20066ATPB/V+	-65C TO +150C (Condition C)	500	CYS	80	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	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	MAX14778ETP+	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 15' RAMP, 15' DWELL	1631	MAX98723AENX+	-40C TO +125C (Condtion G)	850	CYS	80	0
TEMP CYCLE, 15' RAMP, 15' DWELL	1631	MAX98723AENX+	-40C TO +125C (Condtion G)	850	CYS	80	0
TEMP CYCLE, 15' RAMP, 15' DWELL	1631	MAX98723AENX+	-40C TO +125C (Condtion G)	285	CYS	80	0
TEMP CYCLE, 15' RAMP, 15' DWELL	1631	MAX98723AENX+	-40C TO +125C (Condtion G)	285	CYS	80	0
TEMP CYCLE, 15' RAMP, 15' DWELL	1631	MAX98723AENX+	-40C TO +125C (Condtion G)	850	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1651	MAX20013ATGA/V+	-65C TO +150C (Condition C)	1000	CYS	75	0
					Total:		**0**

TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT		QUANTITY	FAILS	FA NO
BIASED MOISTURE	1521	MAX8904ETN+	130C, 85% R.H.	200	HRS	77	0	
BIASED MOISTURE	1521	MAX8904ETN+	130C, 85% R.H.	100	HRS	80	0	
BIASED MOISTURE	1521	MAX8904ETN+	130C, 85% R.H.	100	HRS	80	0	
BIASED MOISTURE	1521	MAX8904ETN+	130C, 85% R.H.	200	HRS	77	0	
BIASED MOISTURE	1522	MAX16995ATPI/V+	130C, 85% R.H.	96	HRS	80	0	
BIASED MOISTURE	1545	MAX16995ATPI/V+	130C, 85% R.H.	96	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	1610	MAX20013ATGA/V+	130C, 85% R.H.	96	HRS	79	0	
BIASED MOISTURE	1611	MAX20013ATGA/V+	130C, 85% R.H.	96	HRS	80	0	
BIASED MOISTURE	1611	MAX20066ATPB/V+	130C, 85% R.H.	96	HRS	80	0	
BIASED MOISTURE	1615	MAX20013ATGA/V+	130C, 85% R.H.	96	HRS	79	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	80	0
BIASED MOISTURE	1631	MAX14778ETP+	130C, 85% R.H.	100	HRS	80	0
					Total:		**0**

UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT		QUANTITY	FAILS	FA NO
MOISTURE SOAK	1521	MAX8904ETN+	130C, 85% R.H.	200	HRS	80	0	
MOISTURE SOAK	1521	MAX8904ETN+	130C, 85% R.H.	200	HRS	78	0	
MOISTURE SOAK	1521	MAX8904ETN+	130C, 85% R.H.	200	HRS	80	0	
MOISTURE SOAK	1521	MAX8904ETN+	130C, 85% R.H.	200	HRS	80	0	
MOISTURE SOAK	1521	MAX8904ETN+	130C, 85% R.H.	200	HRS	78	0	
MOISTURE SOAK	1521	MAX8904ETN+	130C, 85% R.H.	200	HRS	77	0	
MOISTURE SOAK	1522	MAX16995ATPI/V+	130C, 85% R.H.	96	HRS	80	0	
MOISTURE SOAK	1545	MAX16995ATPI/V+	130C, 85% R.H.	96	HRS	80	0	
MOISTURE SOAK	1610	MAX20013ATG/V+	130C, 85% R.H.	100	HRS	80	0	
MOISTURE SOAK	1611	MAX20013ATGA/V+	130C, 85% R.H.	96	HRS	80	0	
MOISTURE SOAK	1611	MAX20066ATPB/V+	130C, 85% R.H.	96	HRS	80	0	
MOISTURE SOAK	1615	MAX20013ATGA/V+	130C, 85% R.H.	96	HRS	80	0	
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	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	
					Total:		**0**	

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