

10/27/2017



**RELIABILITY MONITOR REPORT
FOR**

SOIC 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	8	SOIC (Pb-Free)	ASE Chung-Li	16 SOIC (Pb-Free)
ASE Kaoshiung	14	SOIC (Pb-Free)	ASE Kunshan	8 SOIC (Pb-Free)
ASE Kunshan	14	SOIC (Pb-Free)	ASE Kunshan	16 SOIC (Pb-Free)
ATP (Amkor, PI)	8	SOIC (Pb-Free)	ATP (Amkor, PI)	14 SOIC (Pb-Free)
ATP (Amkor, PI)	16	SOIC (Pb-Free)	ATP (Amkor, PI)	18 SOIC (Pb-Free)
ATP (Amkor, PI)	24	SOIC (Pb-Free)	ATP (Amkor, PI)	28 SOIC (Pb-Free)
Carsem-M	8	SOIC (Pb-Free)	Carsem-M	14 SOIC (Pb-Free)
Carsem-M	16	SOIC (Pb-Free)	Carsem-M	20 SOIC (Pb-Free)
UTL (NSEB) UTAC	8	SOIC (Pb-Free)	UTL (NSEB) UTAC	14 SOIC (Pb-Free)
UTL (NSEB) UTAC	16	SOIC (Pb-Free)		

The calculated failure rate for this assembly is:

FAILURE RATE: MTTF (YRS): 559313 FITS: 0.2

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 7/1/2017 and 9/30/2017.

Assembly Information:

Package Type: SOIC (Pb-Free)
 Date Code Range: 1612 to 1734

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
HIGH TEMP OP LIFE	1612	MAX9643TASA+	135°C	1000 HRS	77	0	
HIGH TEMP OP LIFE	1612	MAX9643TASA+	135°C	1000 HRS	79	0	
HIGH TEMP OP LIFE	1612	MAX9643TASA+	135°C	1000 HRS	77	0	
HIGH TEMP OP LIFE	1620	MAX14776EASA+	135°C	192 HRS	80	0	
HIGH TEMP OP LIFE	1623	MAX603ESA+	135°C	500 HRS	80	0	
HIGH TEMP OP LIFE	1623	DG406EWI+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1624	MAX913ESA+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1625	MAX995ESD+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1627	MAX13089EESD+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1628	MAX6325CSA+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1628	MAX526CCWG+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1630	MAX3082EESA+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1636	MAX12931BASA+	135°C	192 HRS	80	0	
HIGH TEMP OP LIFE	1636	DG201ACSE+	135°C	1000 HRS	80	0	
HIGH TEMP OP LIFE	1637	MAX691EWE+	135°C	1000 HRS	80	0	

HIGH TEMP OP LIFE	1637	MAX14883EASA+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1638	MAX15013AASA+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1638	MAX222CWN+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1639	MAX913ESA+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1639	MAX913ESA+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1639	MAX913ESA+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1639	MAX5717AGSD+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1640	MAX6250BESA+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1641	MAX485CSA+	135°C	1000	HRS	61	0
HIGH TEMP OP LIFE	1644	MAX12930BASA+	135°C	192	HRS	80	0
HIGH TEMP OP LIFE	1645	MAX494ESD+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1645	MAX494ESD+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1645	MAX494ESD+	135°C	1000	HRS	79	0
HIGH TEMP OP LIFE	1703	MAX13089EESD+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1705	MAX667ESA+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1707	DG201ACSE+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1709	MAX253ESA+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1714	MAX202ECWE+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1718	MAX6175BASA/V+C PH	135°C	500	HRS	79	0
HIGH TEMP OP LIFE	1718	MAX6175BASA/V+C PH	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1718	MAX6175BASA/V+C PH	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1718	MAX222CWN+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1720	MAX485ESA+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1721	DG211CSE+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1722	MAX667ESA+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1725	MAX333AEWP+	135°C	1000	HRS	80	0
HIGH TEMP OP LIFE	1726	MAX913ESA+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1728	MAX14432FASE+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1728	MAX14432FASE+	135°C	500	HRS	80	0
HIGH TEMP OP LIFE	1728	MAX14432FASE+	135°C	500	HRS	80	0
Total:						0	0

PACKAGE TESTS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
ULTRASOUND	1728	MAX14432FASE+	J-STD-020		22	0	
ULTRASOUND	1728	MAX14432FASE+	J-STD-020		22	0	
BOND STRENGTH	1728	MAX14432FASE+	> 5 GMS	200 WIRES	10	0	

BOND STRENGTH	1728	MAX14432FASE+	> 5 GMS	200	WIRES	10	0
ULTRASOUND	1728	MAX14432FASE+	J-STD-020			22	0
ULTRASOUND	1728	MAX14432FASE+	J-STD-020			22	0
BOND STRENGTH	1728	MAX14432FASE+	> 5 GMS	200	WIRES	10	0
BOND STRENGTH	1728	MAX14432FASE+	> 5 GMS	200	WIRES	10	0
ULTRASOUND	1728	MAX14432FASE+	J-STD-020			22	0
ULTRASOUND	1728	MAX14432FASE+	J-STD-020			22	0
BOND STRENGTH	1728	MAX14432FASE+	> 5 GMS	200	WIRES	10	0
Total:						0	0

PRECONDITIONING LEVEL 1

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
CONVECTION REFLOW	1714	MAX202ECWE+	260C +0/-5C	PASS	320	0	
CONVECTION REFLOW	1718	MAX6175BASA/V+C PH	260C +0/-5C	PASS	320	0	
CONVECTION REFLOW	1718	MAX6175BASA/V+C PH	260C +0/-5C	PASS	449	0	
CONVECTION REFLOW	1718	MAX6175BASA/V+C PH	260C +0/-5C	PASS	440	0	
CONVECTION REFLOW	1718	MAX222CWN+	260C +0/-5C	PASS	320	0	
CONVECTION REFLOW	1720	MAX308CSE+	260C +0/-5C	PASS	320	0	
CONVECTION REFLOW	1721	DG211CSE+	260C +0/-5C	PASS	320	0	
CONVECTION REFLOW	1722	MAX667ESA+	260C +0/-5C	PASS	320	0	
CONVECTION REFLOW	1728	MAX14432FASE+	260C +0/-5C	PASS	22	0	
CONVECTION REFLOW	1728	MAX14432FASE+	260C +0/-5C	PASS	350	0	
CONVECTION REFLOW	1728	MAX14432FASE+	260C +0/-5C	PASS	22	0	
CONVECTION REFLOW	1728	MAX14432FASE+	260C +0/-5C	PASS	340	0	
CONVECTION REFLOW	1728	MAX14432FASE+	260C +0/-5C	PASS	22	0	
CONVECTION REFLOW	1728	MAX14432FASE+	260C +0/-5C	PASS	339	0	
CONVECTION REFLOW	1730	MAX6126BASA25+	260C +0/-5C	PASS	320	0	
CONVECTION REFLOW	1732	MAX4003EUA+	260C +0/-5C	PASS	320	0	
CONVECTION REFLOW	1732	DG201ACSE+	260C +0/-5C	PASS	320	0	
CONVECTION REFLOW	1733	MAX691EWE+	260C +0/-5C	PASS	320	0	
CONVECTION REFLOW	1734	MAX3082EESA+	260C +0/-5C	PASS	318	0	
Total:						0	0

STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE	1612	MAX9643TASA+	150°C	1000 HRS	80	0	
STORAGE LIFE	1615	MAX1709ESE+	150°C	1000 HRS	80	0	
STORAGE LIFE	1623	DG406EWI+	150°C	1000 HRS	80	0	

STORAGE LIFE	1624	MAX913ESA+	150°C	1000 HRS	80	0
STORAGE LIFE	1627	MAX13089EESD+	150°C	1000 HRS	80	0
STORAGE LIFE	1627	MAX237EWG+	150°C	1000 HRS	80	0
STORAGE LIFE	1628	MAX6325CSA+	150°C	1000 HRS	80	0
STORAGE LIFE	1628	MAX526CCWG+	150°C	1000 HRS	80	0
STORAGE LIFE	1630	MAX3082EESA+	150°C	1000 HRS	80	0
STORAGE LIFE	1631	MAX253ESA+	150°C	1000 HRS	80	0
STORAGE LIFE	1631	MAX6126BASA25+	150°C	1000 HRS	80	0
STORAGE LIFE	1636	DG201ACSE+	150°C	1000 HRS	80	0
STORAGE LIFE	1637	MAX691EWE+	150°C	1000 HRS	80	0
STORAGE LIFE	1638	MAX15013AASA+	150°C	1000 HRS	80	0
STORAGE LIFE	1638	MAX222CWN+	150°C	1000 HRS	80	0
STORAGE LIFE	1639	MAX913ESA+	150°C	500 HRS	90	0
STORAGE LIFE	1639	MAX913ESA+	150°C	1000 HRS	90	0
STORAGE LIFE	1639	MAX913ESA+	150°C	500 HRS	90	0
STORAGE LIFE	1640	MAX6250BESA+	150°C	1000 HRS	80	0
STORAGE LIFE	1641	MAX485CSA+	150°C	1000 HRS	80	0
STORAGE LIFE	1645	MAX494ESD+	150°C	500 HRS	90	0
STORAGE LIFE	1645	MAX494ESD+	150°C	1000 HRS	90	0
STORAGE LIFE	1645	MAX494ESD+	150°C	500 HRS	90	0
STORAGE LIFE	1645	MAX494ESD+	150°C	1000 HRS	90	0
STORAGE LIFE	1645	MAX494ESD+	150°C	500 HRS	90	0
STORAGE LIFE	1703	MAX13089EESD+	150°C	1000 HRS	80	0
STORAGE LIFE	1705	MAX667ESA+	150°C	1000 HRS	80	0
STORAGE LIFE	1706	DG407EWI+	150°C	1000 HRS	80	0
STORAGE LIFE	1707	DG201ACSE+	150°C	1000 HRS	80	0
STORAGE LIFE	1709	MAX253ESA+	150°C	1000 HRS	80	0
STORAGE LIFE	1714	MAX202ECWE+	150°C	1000 HRS	80	0
STORAGE LIFE	1718	MAX6175BASA/V+C PH	150°C	500 HRS	80	0
STORAGE LIFE	1718	MAX6175BASA/V+C PH	150°C	500 HRS	80	0
STORAGE LIFE	1718	MAX6175BASA/V+C PH	150°C	500 HRS	80	0
STORAGE LIFE	1718	MAX222CWN+	150°C	1000 HRS	80	0
STORAGE LIFE	1720	MAX485ESA+	150°C	1000 HRS	80	0
STORAGE LIFE	1720	MAX308CSE+	150°C	1000 HRS	80	0
STORAGE LIFE	1721	DG211CSE+	150°C	1000 HRS	80	0
STORAGE LIFE	1722	MAX667ESA+	150°C	1000 HRS	80	0
STORAGE LIFE	1724	MAX14432FASE+	150°C	500 HRS	80	0

STORAGE LIFE	1728	MAX14432FASE+	150°C	500	HRS	80	0
STORAGE LIFE	1728	MAX14432FASE+	150°C	500	HRS	80	0
Total:						0	0

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL	1614	MAX6921AWI+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1619	MAX3082EESA+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1623	DG406EWI+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1624	MAX913ESA+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1627	MAX13089EESD+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1627	MAX237EWG+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1628	MAX6325CSA+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1628	MAX526CCWG+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1630	MAX3082EESA+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1631	MAX253ESA+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1631	MAX6126BASA25+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1635	MAX494ESD+	-65C TO +150C (Condition C)	500 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1636	DG201ACSE+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1637	MAX691EWE+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1638	MAX15013AASA+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1638	MAX222CWN+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1639	MAX913ESA+	-65C TO +150C (Condition C)	1000 CYS	100	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1639	MAX913ESA+	-65C TO +150C (Condition C)	1000 CYS	100	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1639	MAX913ESA+	-65C TO +150C (Condition C)	1000 CYS	100	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1640	MAX6250BESA+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1641	MAX485CSA+	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1645	MAX494ESD+	-65C TO +150C (Condition C)	500 CYS	100	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1645	MAX494ESD+	-65C TO +150C (Condition C)	500 CYS	100	0	

TEMP CYCLE, 5' RAMP, 10' DWELL	1645	MAX494ESD+	-65C TO +150C (Condition C)	500	CYS	100	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1703	MAX13089EESD+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1705	MAX667ESA+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1706	DG407EWI+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1707	DG201ACSE+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1709	MAX253ESA+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1714	MAX202ECWE+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1718	MAX6175BASA/V+C PH	-65C TO +150C (Condition C)	500	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1718	MAX6175BASA/V+C PH	-65C TO +150C (Condition C)	1000	CYS	79	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1718	MAX6175BASA/V+C PH	-65C TO +150C (Condition C)	500	CYS	100	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1718	MAX6175BASA/V+C PH	-65C TO +150C (Condition C)	1000	CYS	87	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1718	MAX6175BASA/V+C PH	-65C TO +150C (Condition C)	1000	CYS	90	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1718	MAX6175BASA/V+C PH	-65C TO +150C (Condition C)	500	CYS	100	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1718	MAX222CWN+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1720	MAX485ESA+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1720	MAX308CSE+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1721	DG211CSE+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1722	MAX667ESA+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1728	MAX14432FASE+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1728	MAX14432FASE+	-65C TO +150C (Condition C)	500	CYS	90	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1728	MAX14432FASE+	-65C TO +150C (Condition C)	500	CYS	90	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1728	MAX14432FASE+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1728	MAX14432FASE+	-65C TO +150C (Condition C)	1000	CYS	80	0
TEMP CYCLE, 5' RAMP, 10' DWELL	1728	MAX14432FASE+	-65C TO +150C (Condition C)	500	CYS	90	0
Total:						0	0

TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
BIASED MOISTURE	1614	MAX6921AWI+	130C, 85% R.H.	100	HRS	80	0
BIASED MOISTURE	1623	DG406EWI+	130C, 85% R.H.	96	HRS	80	0

BIASED MOISTURE	1624	MAX913ESA+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1627	MAX13089EESD+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1627	MAX237EWG+	130C, 85% R.H.	96	HRS	79	0
BIASED MOISTURE	1628	MAX6325CSA+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1628	MAX526CCWG+	130C, 85% R.H.	96	HRS	79	0
BIASED MOISTURE	1630	MAX3082EESA+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1631	MAX253ESA+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1631	MAX6126BASA25+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1636	DG201ACSE+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1637	MAX691EWE+	130C, 85% R.H.	1000	HRS	79	0
BIASED MOISTURE	1638	MAX222CWN+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1640	MAX6250BESA+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1641	MAX485CSA+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1703	MAX13089EESD+		96	HRS	80	0
BIASED MOISTURE	1705	MAX667ESA+	130C, 85% R.H.	100	HRS	79	0
BIASED MOISTURE	1706	DG407EWI+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1707	DG201ACSE+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1709	MAX253ESA+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1714	MAX202ECWE+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1718	MAX6175BASA/V+C PH	130C, 85% R.H.	96	HRS	79	0
BIASED MOISTURE	1718	MAX6175BASA/V+C PH	130C, 85% R.H.	96	HRS	79	0
BIASED MOISTURE	1718	MAX6175BASA/V+C PH	130C, 85% R.H.	96	HRS	79	0
BIASED MOISTURE	1718	MAX222CWN+	130C, 85% R.H.	96	HRS	79	0
BIASED MOISTURE	1720	MAX485ESA+	130C, 85% R.H.	96	HRS	79	0
BIASED MOISTURE	1720	MAX308CSE+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1721	DG211CSE+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1722	MAX667ESA+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1728	MAX14432FASE+	130C, 85% R.H.	96	HRS	80	0
BIASED MOISTURE	1728	MAX14432FASE+	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	1635	MAX494ESD+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1638	MAX15013AASA+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1639	MAX913ESA+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1639	MAX913ESA+	130C, 85% R.H.	96	HRS	79	0

MOISTURE SOAK	1639	MAX913ESA+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1718	MAX6175BASA/V+C PH	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1718	MAX6175BASA/V+C PH	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1718	MAX6175BASA/V+C PH	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1728	MAX14432FASE+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1728	MAX14432FASE+	130C, 85% R.H.	96	HRS	80	0
MOISTURE SOAK	1728	MAX14432FASE+	130C, 85% R.H.	96	HRS	80	0
						Total:	0

FAILURE RATE: MTTF (YRS): 559313 FITS: 0.2