

4/16/2014



**RELIABILITY MONITOR REPORT
FOR**

San Antonio 0.4 μ m Silicon Gate CMOS (S4)

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 Process Reliability Monitor. The specific products in this process monitor are:

DS3923	DS8500	MAX11040GUU	MAX13301AUM	MAX14522AEZ
MAX14836GTG+	MAX15023ETG+	MAX16813ATP/	MAX16814ATP+	MAX16833BAU
MAX16833FAU	MAX16834ATP+	MAX16907RAT	MAX16910CAS	MAX16916GUB/
MAX16930ATLS	MAX16969DGE	MAX16975BAE	MAX16975BAE	MAX16984RATI
MAX17094ETM	MAX17094ETM	MAX17510ATB+	MAX17823	MAX17841
MAX17841A	MAX17841B	MAX17880	MAX31180	MAX31850
MAX31913	MAX34411	MAX44009EDT+	MAX5969BETB	MAX5972BETE+
MAX5993ATL+	MAX6070AAUT	MAX6070BAUT	MAX6070BAUT	MAX6070BAUT
MAX6070BAUT	MAX9926UAEE/			

The calculated failure rate for devices using this process is:

FAILURE RATE: MTTF (YRS): 143397 QUANTITY: 3956 FAILS: 2 FITS: 0.8

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

Cf: 60% Ea: 0.7 Tu: 25 °C

The reliability data follows and in this section is the detailed reliability data by stress. The reliability data section includes the latest data available. This report covers data between 4/1/2013 and 3/31/2014 .

Process Information:

Process Description: San Antonio 0.4µm Silicon Gate CMOS (S4)

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
HIGH TEMP OP LIFE	1110	MAX16975BAEE/V+	135°C	1000 HRS	80	0	TK6ZDQ002J#
HIGH TEMP OP LIFE	1150	MAX16814ATP+	135°C	1000 HRS	80	0	TUPZDQ028A
HIGH TEMP OP LIFE	1206	MAX6070BAUT25+T	135°C	1000 HRS	79	0	TO0WBQ001J#
HIGH TEMP OP LIFE	1221	MAX6070AAUT41+T	135°C	500 HRS	79	0	TO0WBQ001LE
HIGH TEMP OP LIFE	1221	MAX6070AAUT41+T	135°C	1000 HRS	78	0	TO0TBQ001LE
HIGH TEMP OP LIFE	1221	MAX6070BAUT12+T	135°C	1000 HRS	80	0	TO0ZBQ001FD
HIGH TEMP OP LIFE	1221	MAX11040GUU+	135°C	500 HRS	29	0	TT0ZCQ001Q3
HIGH TEMP OP LIFE	1221	MAX6070BAUT12/V+T	135°C	1000 HRS	77	0	TO0ZBQ001G#
HIGH TEMP OP LIFE	1224	MAX16916GUB/V+	135°C	500 HRS	80	0	TAEZ7Q003A
HIGH TEMP OP LIFE	1224	MAX16916GUB/V+	135°C	1000 HRS	80	0	TAEZ7Q002AA
HIGH TEMP OP LIFE	1229	MAX16834ATP+	135°C	1000 HRS	48	0	TNOZBA028E#
HIGH TEMP OP LIFE	1231	MAX16969DGEE/V+	135°C	500 HRS	80	0	TR1ZBA004CA
HIGH TEMP OP LIFE	1231	MAX16916GUB/V+	135°C	500 HRS	80	0	TAEZ7Q003B
HIGH TEMP OP LIFE	1235	MAX5993ATL+	135°C	192 HRS	80	0	TAJB2Q001CQ
HIGH TEMP OP LIFE	1236	MAX31180	125C, 3.6 VOLTS	1000 HRS	80	0	ZJ383915AC

HIGH TEMP OP LIFE	1236	MAX16975BAEE/V+	135°C	1000	HRS	80	0	TK6ZDQ004GA
HIGH TEMP OP LIFE	1236	MAX16975BAEE/V+	135°C	1000	HRS	79	0	TK6ZDQ005C#
HIGH TEMP OP LIFE	1237	MAX16975BAEE/V+	135°C	1000	HRS	80	0	TK6ZDQ004J#
HIGH TEMP OP LIFE	1240	MAX17510ATB+	135°C	668	HRS	31	0	TJM0EA205BX
HIGH TEMP OP LIFE	1240	MAX17510ATB+	135°C	1000	HRS	48	0	TJM0EA205B#
HIGH TEMP OP LIFE	1241	MAX16907RATE/V+	135°C	1000	HRS	80	0	TP5ZCA007KA
HIGH TEMP OP LIFE	1243	MAX16969DGEE/V+	135°C	500	HRS	31	0	TR1ZBA008A#
HIGH TEMP OP LIFE	1243	MAX16969DGEE/V+	135°C	500	HRS	48	0	TR1ZBA008A
HIGH TEMP OP LIFE	1246	MAX44009EDT+T	135°C	1000	HRS	80	1	TAAL5A024Q1
HIGH TEMP OP LIFE	1246	MAX44009EDT+T	135°C	1000	HRS	33	0	TAAL5A024Q2
HIGH TEMP OP LIFE	1246	MAX44009EDT+T	135°C	1000	HRS	78	0	TAAL5A024Q3
HIGH TEMP OP LIFE	1247	MAX17841	135C, 5.0V (PSA)	1000	HRS	80	0	TAIA1Q001EA
HIGH TEMP OP LIFE	1247	MAX31913	135C, 36V (V8)	192	HRS	80	0	ZJ386212AC-NPI
HIGH TEMP OP LIFE	1248	MAX17841	135C, 5.0V (PSA)	2500	HRS	80	0	TAIA1Q002C
HIGH TEMP OP LIFE	1249	MAX17841	135C, 5.0V (PSA)	1000	HRS	80	0	TAIA1Q003A
HIGH TEMP OP LIFE	1249	MAX16984RATI/V+	135°C	192	HRS	80	0	TAKS1Q002AQ
HIGH TEMP OP LIFE	1250	MAX16930ATLS/V+	135°C	192	HRS	80	0	TAKQ9Q002GQ
HIGH TEMP OP LIFE	1303	MAX13301AUM/V+	135°C	500	HRS	78	0	TADA3A010AA
HIGH TEMP OP LIFE	1305	MAX17823	125C, 3.3V (PSA) & 65V (PSD)	500	HRS	80	0	TAJU53004C
HIGH TEMP OP LIFE	1306	DS8500	125C, 3.6 VOLTS	192	HRS	48	0	ZX380516BB
HIGH TEMP OP LIFE	1306	DS8500	125C, 3.6 VOLTS	192	HRS	32	0	ZX380516BB
HIGH TEMP OP LIFE	1306	MAX17823	125C, 3.3V (PSA) & 65V (PSD)	500	HRS	80	0	TAJU5Q003D
HIGH TEMP OP LIFE	1314	MAX5972BETE+	135°C	1000	HRS	47	0	TXEZCA013DQ
HIGH TEMP OP LIFE	1315	MAX31850	135C, 3.7V (PSA)	192	HRS	80	0	ZJ387387AG-NPI
HIGH TEMP OP LIFE	1317	MAX16916GUB/V+	135°C	500	HRS	80	0	TAEZ7Q001E#
HIGH TEMP OP LIFE	1320	MAX14836GTG+	135°C	192	HRS	48	0	TAKZ0A004EQ
HIGH TEMP OP LIFE	1320	MAX16813ATP/V+	135°C	1000	HRS	80	0	TAMU2Q001E
HIGH TEMP OP LIFE	1320	MAX16833FAUE/V+	135°C	1000	HRS	43	1	TADW3A031E
HIGH TEMP OP LIFE	1322	MAX17841B	135C, 5.0V (PSA)	2000	HRS	80	0	TAMT3Q001DC
HIGH TEMP OP LIFE	1323	DS3923	125C, 3.6V (PSA) & 76.0V (PSD)	192	HRS	80	0	ZJ390843DAA-NPI

HIGH TEMP OP LIFE	1325	MAX34411	125C, 3.6 VOLTS	192 HRS	80	0	ZS386213CB-NPI
HIGH TEMP OP LIFE	1327	MAX6070BAUT12/V+T	135°C	1000 HRS	78	0	TO0ZBA004CC
HIGH TEMP OP LIFE	1331	MAX17841A	135C, 5.0V (PSA)	2000 HRS	80	0	TAJS5A005BB/BC
HIGH TEMP OP LIFE	1331	MAX17823	125C, 3.0V (PSA) & 65.0V (PSD)	2000 HRS	80	0	TAMV6Q001D
HIGH TEMP OP LIFE	1331	MAX6070BAUT12/V+T	135°C	1000 HRS	78	0	TO0ZBA005AA
HIGH TEMP OP LIFE	1334	MAX17841A	135C, 5.0V (PSA)	1000 HRS	80	0	TAJS5A004AA
HIGH TEMP OP LIFE	1338	MAX14836GTG+	135°C	192 HRS	48	0	TAKZ0A012DQ
HIGH TEMP OP LIFE	1340	MAX17880	125C, 3.3V (PSA) & 70V (PSD)	192 HRS	80	0	TAPG2Q001E
HIGH TEMP OP LIFE	1341	MAX6070BAUT12/V+T	135°C	500 HRS	79	0	TO0ZBA005BD
HIGH TEMP OP LIFE	1342	MAX17841A	135C, 5.0V (PSA)	500 HRS	80	0	TAJS5A006A
HIGH TEMP OP LIFE	1347	MAX16833FAUE/V+	135°C	1000 HRS	79	0	TANN7209GC
						Total:	2

STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
STORAGE LIFE	1110	MAX16975BAEE+	150°C	1000 HRS	48	0	TK6ZDQ002J#
STORAGE LIFE	1221	MAX6070BAUT12/V+T	150°C	1000 HRS	49	0	TO0ZBQ001G#
STORAGE LIFE	1224	MAX16916GUB/V+	150°C	1000 HRS	80	0	TAEZ7Q002AA
STORAGE LIFE	1230	MAX16916GUB/V+	150°C	1000 HRS	80	0	TAEZ7Q002B#
STORAGE LIFE	1231	MAX16916GUB/V+	150°C	500 HRS	45	0	TAEZ7Q003B#
STORAGE LIFE	1233	MAX9926UAEE/V+	150°C	1000 HRS	48	0	TJSZDQ002G#
STORAGE LIFE	1233	MAX9926UAEE/V+	150°C	1000 HRS	80	0	TJSZDQ002H#
STORAGE LIFE	1237	MAX16975BAEE/V+	150°C	1000 HRS	45	0	TK6ZDA004JA
STORAGE LIFE	1237	MAX16975BAEE/V+	150°C	1000 HRS	44	0	TK6ZDA005DA
STORAGE LIFE	1247	MAX17841	150°C	500 HRS	80	0	TAIA1Q001EA
STORAGE LIFE	1247	MAX16975BAEE/V+	150°C	1000 HRS	45	0	TK6ZDA006AA
STORAGE LIFE	1248	MAX17841	150°C	2000 HRS	80	0	TAIA1Q002C
STORAGE LIFE	1249	MAX17841	150°C	500 HRS	80	0	TAIA1Q003A
STORAGE LIFE	1302	MAX9926UAEE/V+	150°C	1000 HRS	80	0	TJSZDQ003C#
STORAGE LIFE	1302	MAX9926UAEE/V+	150°C	1000 HRS	50	0	TJSZDA004C#
STORAGE LIFE	1302	MAX9926UAEE/V+	150°C	500 HRS	48	0	TJSZDA004B#
STORAGE LIFE	1302	MAX9926UAEE/V+	150°C	1000 HRS	50	0	TJSZDQ003B#
STORAGE LIFE	1305	MAX17823	150°C	500 HRS	80	0	TAJU53004C
STORAGE LIFE	1306	MAX17823	150°C	500 HRS	80	0	TAJU5Q003D

STORAGE LIFE	1327	MAX6070BAUT12/V+T	150°C	1000	HRS	80	0	TO0ZBA004CC
STORAGE LIFE	1330	MAX16833BAUE/V+	150°C	1000	HRS	80	0	TWRYEA040A#
STORAGE LIFE	1330	MAX16833BAUE/V+	150°C	1000	HRS	80	0	TWRYEA037B#
STORAGE LIFE	1330	MAX16833BAUE/V+	150°C	1000	HRS	80	0	TWRYEA034C#
STORAGE LIFE	1331	MAX6070BAUT12/V+T	150°C	1000	HRS	80	0	TO0ZBA005AA
STORAGE LIFE	1341	MAX6070BAUT12/V+T	150°C	500	HRS	50	0	TO0ZBA005BD
STORAGE LIFE	1341	MAX6070BAUT12/V+T	150°C	1000	HRS	50	0	TO0ZBA005BD
STORAGE LIFE	1345	MAX16910CASA9/V+	150°C	1000	HRS	80	0	TAPK9A017D#
STORAGE LIFE	1347	MAX16833FAUE/V+	150°C	1000	HRS	80	0	TANN7209GC
STORAGE LIFE	N/A	MAX14522AEZC+TW	150°C	1000	HRS	77	0	TYVZCA005AB
STORAGE LIFE	N/A	MAX14522AEZC+TW	150°C	1000	HRS	77	0	TYVZCA005AC
STORAGE LIFE	N/A	MAX14522AEZC+TW	150°C	1000	HRS	77	0	TYVZCA005A#
Total:							0	

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.	
TEMP CYCLE, 5' RAMP, 10' DWELL	1110	MAX16975BAEE+	-65C TO 150C	500	CYS	80	0	TK6ZDA002J
TEMP CYCLE, 5' RAMP, 10' DWELL	1211	MAX16916GUB/V+	-65C TO 150C	500	CYS	80	0	TAEZ7Q001CG
TEMP CYCLE, 5' RAMP, 10' DWELL	1221	MAX6070BAUT12/V+T	-65C TO 150C	500	CYS	80	0	TO0ZBQ001G#
TEMP CYCLE, 5' RAMP, 10' DWELL	1221	MAX6070BAUT12/V+T	-65C TO 150C	100	CYS	30	0	TO0ZBQ001G
TEMP CYCLE, 5' RAMP, 10' DWELL	1224	MAX16916GUB/V+	-65C TO 150C	500	CYS	80	0	TAEZ7Q002AB
TEMP CYCLE, 5' RAMP, 10' DWELL	1231	MAX16916GUB/V+	-65C TO 150C	500	CYS	80	0	TAEZ7Q003B
TEMP CYCLE, 5' RAMP, 10' DWELL	1233	MAX9926UAEE/V+	-65C TO 150C	500	CYS	80	0	TJSZDQ002G#
TEMP CYCLE, 5' RAMP, 10' DWELL	1233	MAX9926UAEE/V+	-65C TO 150C	500	CYS	80	0	TJSZDQ002H#
TEMP CYCLE, 5' RAMP, 10' DWELL	1236	MAX16975BAEE+	-65C TO 150C	500	CYS	80	0	TK6ZDA004GA
TEMP CYCLE, 5' RAMP, 10' DWELL	1236	MAX16975BAEE+	-65C TO 150C	500	CYS	80	0	TK6ZDA005CA
TEMP CYCLE, 5' RAMP, 10' DWELL	1246	MAX44009EDT+T	-65C TO 150C	1000	CYS	95	0	TAAL5A024Q1
TEMP CYCLE, 5' RAMP, 10' DWELL	1246	MAX44009EDT+T	-65C TO 150C	300	CYS	96	1	TAAL5Q024Q2
TEMP CYCLE, 5' RAMP, 10' DWELL	1246	MAX44009EDT+T	-65C TO 150C	1000	CYS	99	0	TAAL5A024Q2
TEMP CYCLE, 5' RAMP, 10' DWELL	1247	MAX17841	-65C TO 150C	500	CYS	80	0	TAIA1Q001EA
TEMP CYCLE, 5' RAMP, 10' DWELL	1249	MAX17841	-65C TO 150C	500	CYS	80	0	TAIA1Q003A

TEMP CYCLE, 5' RAMP, 10' DWELL	1302	MAX9926UAEE/V+	-65C TO 150C	500	CYS	80	0	TJSZDQ003C#
TEMP CYCLE, 5' RAMP, 10' DWELL	1302	MAX9926UAEE/V+	-65C TO 150C	500	CYS	80	0	TJSZDA004C#
TEMP CYCLE, 5' RAMP, 10' DWELL	1302	MAX9926UAEE/V+	-65C TO 150C	500	CYS	80	0	TJSZDA004B#
TEMP CYCLE, 5' RAMP, 10' DWELL	1302	MAX9926UAEE/V+	-65C TO 150C	500	CYS	80	0	TJSZDQ003B#
TEMP CYCLE, 5' RAMP, 10' DWELL	1305	MAX17823	-65C TO 150C	500	CYS	80	0	TAJU53004C
TEMP CYCLE, 5' RAMP, 10' DWELL	1306	MAX17823	-65C TO 150C	500	CYS	80	0	TAJU5Q003D
TEMP CYCLE, 5' RAMP, 10' DWELL	1311	MAX44009EDT+T	-65C TO 150C	1000	CYS	1000	0	TAAL5A037A#
TEMP CYCLE, 5' RAMP, 10' DWELL	1319	MAX44009EDT+T	-65C TO 150C	1000	CYS	993	0	TAAL5A035F#
TEMP CYCLE, 5' RAMP, 10' DWELL	1327	MAX6070BAUT12/V+T	-65C TO 150C	500	CYS	80	0	TO0ZBA004CC
TEMP CYCLE, 5' RAMP, 10' DWELL	1330	MAX16833BAUE/V+	-65C TO 150C	1000	CYS	80	0	TWRYEAO40A#
TEMP CYCLE, 5' RAMP, 10' DWELL	1330	MAX16833BAUE/V+	-65C TO 150C	1000	CYS	80	0	TWRYEAO37B#
TEMP CYCLE, 5' RAMP, 10' DWELL	1330	MAX16833BAUE/V+	-65C TO 150C	1000	CYS	80	0	TWRYEAO34C#
TEMP CYCLE, 5' RAMP, 10' DWELL	1331	MAX6070BAUT12/V+T	-65C TO 150C	500	CYS	80	0	TO0ZBA005AA
TEMP CYCLE, 5' RAMP, 10' DWELL	1341	MAX6070BAUT12/V+T	-65C TO 150C	500	CYS	80	0	TO0ZBA005BD
TEMP CYCLE, 5' RAMP, 10' DWELL	1345	MAX16910CASA9/V+	-65C TO 150C	500	CYS	80	0	TAPK9A017D#
TEMP CYCLE, 5' RAMP, 10' DWELL	1352	MAX16910CASA9/V+	-65C TO 150C	500	CYS	80	0	TAPK9A018I#
TEMP CYCLE, 5' RAMP, 10' DWELL	1352	MAX16910CASA9/V+	-65C TO 150C	500	CYS	80	0	TAPK9A019E#
TEMP CYCLE, 5' RAMP, 10' DWELL	1402	MAX44009EDT+T	-65C TO 150C	500	CYS	200	0	TAAL53039BB
TEMP CYCLE, 5' RAMP, 10' DWELL	1402	MAX44009EDT+T	-65C TO 150C	500	CYS	200	0	TAAL53040BC
TEMP CYCLE, 15' RAMP, 15' DWELL	N/A	MAX14522AEZC+TW	-40C TO +125C	1000	CYS	77	0	TYVZCA005AB
TEMP CYCLE, 15' RAMP, 15' DWELL	N/A	MAX14522AEZC+TW	-40C TO +125C	1000	CYS	77	0	TYVZCA005AC
TEMP CYCLE, 15' RAMP, 15' DWELL	N/A	MAX14522AEZC+TW	-40C TO +125C	1000	CYS	77	0	TYVZCA005A#
Total:							1	

TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
BIASED MOISTURE	1110	MAX16975BAEE+	130C, 85% R.H.	100 HRS	32	0	TK6ZDA002J

BIASED MOISTURE	1211	MAX16916GUB/V+	130C, 85% R.H.	100	HRS	80	0	TAEZ7Q001CG
BIASED MOISTURE	1231	MAX16916GUB/V+	130C, 85% R.H.	100	HRS	80	0	TAEZ7Q003B
BIASED MOISTURE	1233	MAX9926UAEE/V+	130C, 85% R.H.	100	HRS	80	0	TJSZDQ002G#
BIASED MOISTURE	1233	MAX9926UAEE/V+	130C, 85% R.H.	100	HRS	80	0	TJSZDQ002H#
BIASED MOISTURE	1236	MAX16975BAEE+	130C, 85% R.H.	100	HRS	80	0	TK6ZDA004GA
BIASED MOISTURE	1236	MAX16975BAEE+	130C, 85% R.H.	100	HRS	80	0	TK6ZDA005CA
BIASED MOISTURE	1237	MAX16975BAEE/V+	130C, 85% R.H.	100	HRS	32	0	TK6ZDA004JA
BIASED MOISTURE	1245	MAX16907RATE/V+	130C, 85% R.H.	96	HRS	77	0	TP5ZCA009AA
HAST	1247	MAX17841	130C, 85%R.H., 3.3V	96	HRS	80	0	TAIA1Q001EA
BIASED MOISTURE	1247	MAX16975BAEE/V+	130C, 85% R.H.	100	HRS	80	0	TK6ZDA006AA
HAST	1248	MAX17841	130C, 85%R.H., 3.3V	96	HRS	80	0	TAIA1Q002C
BIASED MOISTURE	1248	MAX17841	85 C/85% R.H., 3.3V	1000	HRS	22	0	TAIA1Q002C
HAST	1249	MAX17841	130C, 85%R.H., 3.3V	96	HRS	80	0	TAIA1Q003A
BIASED MOISTURE	1302	MAX9926UAEE/V+	130C, 85% R.H.	100	HRS	80	0	TJSZDQ003C#
BIASED MOISTURE	1302	MAX9926UAEE/V+	130C, 85% R.H.	100	HRS	80	0	TJSZDA004B#
HAST	1305	MAX17823	130C, 85%R.H., 3.4V	96	HRS	80	1	TAJU53004C
HAST	1306	MAX17823	130C, 85%R.H., 3.4V	96	HRS	80	0	TAJU5Q003D
BIASED MOISTURE	1306	MAX16930ATLS/V+	130C, 85% R.H.	100	HRS	60	0	TAKQ9Q002I#
BIASED MOISTURE	1327	MAX6070BAUT12/V+T	130C, 85% R.H.	100	HRS	80	0	TO0ZBA004CC
BIASED MOISTURE	1328	MAX16930ATLS/V+	130C, 85% R.H.	96	HRS	33	0	TAKQ9Q002BE
BIASED MOISTURE	1331	MAX6070BAUT12/V+T	130C, 85% R.H.	100	HRS	80	0	TO0ZBA005AA
BIASED MOISTURE	1341	MAX6070BAUT12/V+	130C, 85% R.H.	100	HRS	80	0	TO0ZBA005B#
BIASED MOISTURE	1345	MAX16910CASA9/V+	130C, 85% R.H.	100	HRS	79	0	TAPK9A017D#
BIASED MOISTURE	1352	MAX16910CASA9/V+	130C, 85% R.H.	100	HRS	80	0	TAPK9A018I#
BIASED MOISTURE	1352	MAX16910CASA9/V+	130C, 85% R.H.	100	HRS	80	0	TAPK9A019E#

Total: 1

UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
MOISTURE SOAK		MAX14522AEZC+TW	130C, 85% R.H.	1000 HRS	77	0	TYVZCA005AB
MOISTURE SOAK		MAX14522AEZC+TW	130C, 85% R.H.	1000 HRS	77	0	TYVZCA005AC
MOISTURE SOAK		MAX14522AEZC+TW	130C, 85% R.H.	200 HRS	77	0	TYVZCA005AD
MOISTURE SOAK	1110	MAX16975BAEE+	130C, 85% R.H.	100 HRS	80	0	TK6ZDA002J
MOISTURE SOAK	1221	MAX6070BAUT12/V+T	130C, 85% R.H.	100 HRS	80	0	TO0ZBQ001G#
MOISTURE SOAK	1227	MAX17094ETM+	85 C/85% R.H.	1000 HRS	36	0	TQGZD3085Q1
MOISTURE SOAK	1227	MAX17094ETM	85 C/85% R.H.	1000 HRS	36	0	TQGZD3085Q2
MOISTURE SOAK	1227	MAX17094ETM+	85 C/85% R.H.	856 HRS	36	0	TQGZD3085Q3
MOISTURE SOAK	1230	MAX16916GUB/V+	130C, 85% R.H.	100 HRS	80	0	TAEZ7Q002B#
MOISTURE SOAK	1231	MAX16916GUB/V+	130C, 85% R.H.	100 HRS	80	0	TAEZ7Q003B
MOISTURE SOAK	1233	MAX9926UAEE/V+	130C, 85% R.H.	100 HRS	80	0	TJSZDQ002G#
MOISTURE SOAK	1233	MAX9926UAEE/V+	130C, 85% R.H.	100 HRS	80	0	TJSZDQ002H#
MOISTURE SOAK	1236	MAX16975BAEE+	130C, 85% R.H.	100 HRS	80	0	TK6ZDA004GA
MOISTURE SOAK	1236	MAX16975BAEE+	130C, 85% R.H.	100 HRS	79	0	TK6ZDA005CA
MOISTURE SOAK	1246	MAX44009EDT+T	85 C/85% R.H.	1000 HRS	35	0	TAAL5A024Q1
MOISTURE SOAK	1246	MAX44009EDT+T	85 C/85% R.H.	1000 HRS	34	0	TAAL5A024Q2
MOISTURE SOAK	1246	MAX44009EDT+T	85 C/85% R.H.	1000 HRS	34	0	TAAL5A024Q3
HAST, NO BIAS	1247	MAX17841	130C, 85% R.H.	96 HRS	80	0	TAIA1Q001EA
HAST, NO BIAS	1248	MAX17841	130C, 85% R.H.	96 HRS	80	0	TAIA1Q002C
HAST, NO BIAS	1249	MAX17841	130C, 85% R.H.	96 HRS	80	0	TAIA1Q003A
MOISTURE SOAK	1302	MAX9926UAEE/V+	130C, 85% R.H.	100 HRS	79	0	TJSZDQ003C#
MOISTURE SOAK	1302	MAX9926UAEE/V+	130C, 85% R.H.	100 HRS	80	0	TJSZDA004C#
MOISTURE SOAK	1302	MAX9926UAEE/V+	130C, 85% R.H.	100 HRS	80	0	TJSZDA004B#
MOISTURE SOAK	1302	MAX9926UAEE/V+	130C, 85% R.H.	100 HRS	80	0	TJSZDQ003B#
HAST, NO BIAS	1306	MAX17823	130C, 85% R.H.	96 HRS	80	1	TAJU5Q003D

HAST, NO BIAS	1322	MAX17841B	130C, 85% R.H.	96	HRS	80	0	TAMT3Q001DC
MOISTURE SOAK	1327	MAX6070BAUT12/V+T	130C, 85% R.H.	100	HRS	80	0	TO0ZBA004CC
MOISTURE SOAK	1328	MAX15023ETG+	130C, 85% R.H.	96	HRS	99	0	TFWZCA157HY
MOISTURE SOAK	1331	MAX6070BAUT12/V+T	130C, 85% R.H.	100	HRS	80	0	TO0ZBA005AA
HAST, NO BIAS	1334	MAX17841B	130C, 85% R.H.	96	HRS	80	0	TAMT3Q002B
HAST, NO BIAS	1338	MAX17841B	130C, 85% R.H.	96	HRS	80	0	TAMT3Q003CA
MOISTURE SOAK	1341	MAX6070BAUT12/V+	130C, 85% R.H.	100	HRS	80	0	TO0ZBA005B#
MOISTURE SOAK	1345	MAX16910CASA9/V+	130C, 85% R.H.	100	HRS	80	0	TAPK9A017D#
MOISTURE SOAK	1352	MAX16910CASA9/V+	130C, 85% R.H.	100	HRS	80	0	TAPK9A018I#
MOISTURE SOAK	1352	MAX16910CASA9/V+	130C, 85% R.H.	100	HRS	80	0	TAPK9A019E#
MOISTURE SOAK	N/A	MAX14522AEZC+TW	130C, 85% R.H.	1000	HRS	77	0	TYVZCA005A#
MOISTURE SOAK	N/A	MAX5969BETB+T	85 C/85% R.H.	500	HRS	44	0	TXEZCA015G#
MOISTURE SOAK	N/A	MAX5969BETB+T	85 C/85% R.H.	500	HRS	45	0	TXEZCA015G\$
MOISTURE SOAK	N/A	MAX5969BETB+T	85 C/85% R.H.	500	HRS	45	0	TXEZCA015G%
							Total:	1
FAILURE RATE:	MTTF (YRS):	143397	QUANTITY:	3956	FAILS:	2	FITS:	0.8