10/27/2020

RELIABILITY MONITOR REPORT
FOR

Fab 103 P90

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:

87-J779Z+X00	ENGAY17BTTI+	MAX16604GFN+	MAX17662AATE	MAX17662BATE
MAX17851AUP/	MAX20000ATCB	MAX20410AFOB	MAX20779	MAX20779ZGFC
MAX20780	MAX22203ATU+	MAX22999ATU+	MAX25210ATA	MAX25220ATJ/
MAX25240AFFA	MAX25605ATP/	MAX25605AUP/	MAX77503EEW	MAX77511EWB
MAX77511SEW	MAX77705CEW	MAX77705FEW	MAX77705FEW	MAX77705FEW
MAX77930EFV+	MAX77958EWV	MAX77960EFV+	MAX77964EWJ+	MAX77976EFD+
MAXQ699				

The calculated failure rate for devices using this process is:

FAILURE RATE: MTTF (YRS): 233123 QUANTITY: 3840 FAILS: 1 FITS: 0.5

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 7/1/2020 and 9/30/2020 .

Process Information:

Process Description: Fab 103 P90

OPERATING LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.
HIGH TEMP OP LIFE	1732	MAXQ699	125°C	1000 HRS	80	0	CBSS9Z009 (ZX172712)
HIGH TEMP OP LIFE	1846	MAX77930EFV+	125°C	1000 HRS	80	0	CBZU2Q003
HIGH TEMP OP LIFE	1846	MAX77960EFV+	125°C	1000 HRS	80	0	CBZU2Q002A
HIGH TEMP OP LIFE	1851	MAX20780	125°C	1000 HRS	79	0	Z0B00635AA-NPI
HIGH TEMP OP LIFE	1852	MAX20000ATCB/V+	125°C	750 HRS	79	0	CCUU4Q002CF
HIGH TEMP OP LIFE	1852	MAX20000ATCB/V+	125°C	192 HRS	80	0	CCUU4Q002CF
HIGH TEMP OP LIFE	1852	MAX20000ATCB/V+	125°C	192 HRS	80	0	CCUU4Q003CD
HIGH TEMP OP LIFE	1852	MAX20000ATCB/V+	125°C	192 HRS	79	0	CCUU4Q003CD
HIGH TEMP OP LIFE	1907	MAX20000ATCB/V+	125°C	750 HRS	78	0	CCUU4Q001B/DA
HIGH TEMP OP LIFE	1907	MAX20000ATCB/V+	125°C	500 HRS	80	0	CCUU4Q001B/DA
HIGH TEMP OP LIFE	1910	MAX77964EWJ+T	125°C	1000 HRS	77	0	CCBA3Q002C
HIGH TEMP OP LIFE	1916	ENGAY17BTTI+	125°C	192 HRS	80	0	CCBA0Z001A
HIGH TEMP OP LIFE	1921	MAX20779	125°C	192 HRS	80	0	PRO-11-X10403
HIGH TEMP OP LIFE	1921	MAX20779	125°C	620 HRS	80	0	PRO-11-X10403
HIGH TEMP OP LIFE	1921	MAX20779	125°C	192 HRS	80	0	PRO-11-X10403
HIGH TEMP OP LIFE	1929	MAX17662BATE+	125°C	1000 HRS	77	0	CCAF0Q003FC

HIGH TEMP OP LIFE	1939	MAX77958EWV+	125°C	1000	HRS	78	0	CCFP1Q001TL
HIGH TEMP OP LIFE	1943	MAX25605ATP/VY+	125°C	1000	HRS	80	0	CCCS1Q002FE
HIGH TEMP OP LIFE	1947	MAX20410AFOB/VY+	125°C	1000	HRS	80	0	CCCY5A004D#
HIGH TEMP OP LIFE	1947	MAX20410AFOB/VY+	125°C	192	HRS	79	0	4KB0160
HIGH TEMP OP LIFE	1947	MAX20410AFOB/VY+	125°C	192	HRS	56	0	4KB0160
HIGH TEMP OP LIFE	1949	ENGAY17BTTI+	125°C	1000	HRS	78	0	CCBA0Z002CD
HIGH TEMP OP LIFE	1949	ENGAY17BTTI+	125°C	1000	HRS	79	0	CCBA0Z002CB
HIGH TEMP OP LIFE	1951	ENGAY17BTTI+	125°C	1000	HRS	80	0	CCBA0Z004CB
HIGH TEMP OP LIFE	1951	ENGAY17BTTI+	125°C	1000	HRS	80	0	CCBA0Z004DO
HIGH TEMP OP LIFE	1952	ENGAY17BTTI+	125°C	1000	HRS	79	0	CCBA0A015AB
HIGH TEMP OP LIFE	1952	ENGAY17BTTI+	125°C	1000	HRS	80	0	CCBA0A007A
HIGH TEMP OP LIFE	2004	MAX20410AFOB/VY+	125°C	1000	HRS	80	0	CCCY5Q003D#
HIGH TEMP OP LIFE	2004	MAX20410AFOB/VY+	125°C	1000	HRS	91	0	CCCY5Q003E#
HIGH TEMP OP LIFE	2009	MAX25605ATP/VY+	125°C	1000	HRS	79	0	CCEY4Q001H
HIGH TEMP OP LIFE	2010	MAX25605ATP/VY+	125°C	1000	HRS	77	0	CCEY4Q002B
HIGH TEMP OP LIFE	2011	MAX25605ATP/VY+	125°C	1000	HRS	80	0	CCEY4A004B
HIGH TEMP OP LIFE	2012	MAX77930EFV+	125°C	1000	HRS	77	1	CCCS2A006DA
HIGH TEMP OP LIFE	2012	MAX77930EFV+	125°C	1000	HRS	79	0	CCCS2A006EA
HIGH TEMP OP LIFE	2012	MAX77930EFV+	125°C	1000	HRS	80	0	CCCS2A006FA
HIGH TEMP OP LIFE	2015	MAX22203ATU+	125°C	663	HRS	79	0	CCGE7Q001
HIGH TEMP OP LIFE	2015	MAX22203ATU+	125°C	1000	HRS	80	0	CCGE7Q002
HIGH TEMP OP LIFE	2016	MAX25210ATAB9/V+T	125°C	192	HRS	80	0	CCFT4Q001FQ
HIGH TEMP OP LIFE	2016	MAX25605ATP/VY+	125°C	1000	HRS	80	0	CCEY4Q003BB
HIGH TEMP OP LIFE	2016	MAX25605ATP/VY+	125°C	1000	HRS	80	0	CCEY4Q003BC
HIGH TEMP OP LIFE	2018	MAX17851AUP/V+	125°C	192	HRS	80	0	CCED5Q001FA
HIGH TEMP OP LIFE	2018	MAX17851AUP/V+	125°C	192	HRS	80	0	CCED5Q001FB
HIGH TEMP OP LIFE	2018	MAX17851AUP/V+	125°C	192	HRS	80	0	CCED5Q001FC
HIGH TEMP OP LIFE	2019	MAX25220ATJ/V+	125°C	192	HRS	80	0	CCFV2Q003CC
HIGH TEMP OP LIFE	2020	MAX25605ATP/VY+	125°C	192	HRS	80	0	CCGN5Q003J
HIGH TEMP OP LIFE	2021	MAX22203ATU+	125°C	500	HRS	80	0	CCGE7Q003
HIGH TEMP OP LIFE	2022	MAX77976EFD+	125°C	192	HRS	80	0	CCGU1Q001CQ
HIGH TEMP OP LIFE	2027	MAX20779ZGFC+	125°C	500	HRS	40	0	GXB18977ABB ENG
HIGH TEMP OP LIFE	2028	MAX20779ZGFC+	125°C	500	HRS	40	0	GXB18977AAB ENG
HIGH TEMP OP LIFE	2028	MAX20779ZGFC+	125°C	500	HRS	40	0	GXB18977ACB ENG
					Total:		**1**	

STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT		QUANTITY	FAILS	LOT NO.
STORAGE LIFE	1851	MAX20780	150°C	1000	HRS	80	0	Z0B00634AA-NPI
STORAGE LIFE	1910	MAX77964EWJ+T	150°C	1000	HRS	80	0	CCBA3Q002C
STORAGE LIFE	1943	MAX25605ATP/VY+	150°C	1000	HRS	80	0	CCCS1Q002FE
STORAGE LIFE	1947	MAX20410AFOB/VY+	150°C	1000	HRS	77	0	CCCY5A004D#
STORAGE LIFE	1949	ENGAY17BTTI+	150°C	1000	HRS	80	0	CCBA0Z002CD
STORAGE LIFE	1949	ENGAY17BTTI+	150°C	1000	HRS	80	0	CCBA0Z002CB
STORAGE LIFE	1951	ENGAY17BTTI+	150°C	1000	HRS	80	0	CCBA0Z004CB
STORAGE LIFE	1951	ENGAY17BTTI+	150°C	1000	HRS	80	0	CCBA0Z004DO
STORAGE LIFE	1952	ENGAY17BTTI+	150°C	1000	HRS	80	0	CCBA0A015AB
STORAGE LIFE	1952	ENGAY17BTTI+	150°C	1000	HRS	80	0	CCBA0A007A
STORAGE LIFE	2004	MAX20410AFOB/VY+	150°C	1000	HRS	80	0	CCCY5Q003D#
STORAGE LIFE	2004	MAX20410AFOB/VY+	150°C	1000	HRS	80	0	CCCY5Q003E#
STORAGE LIFE	2009	MAX25605ATP/VY+	150°C	1000	HRS	80	0	CCEY4Q001H
STORAGE LIFE	2010	MAX25605ATP/VY+	150°C	1000	HRS	80	0	CCEY4Q002B
STORAGE LIFE	2011	MAX25605ATP/VY+	150°C	1000	HRS	80	0	CCEY4A004B
STORAGE LIFE	2012	MAX77930EFV+	150°C	1000	HRS	79	0	CCCS2A006DA
STORAGE LIFE	2012	MAX77930EFV+	150°C	1000	HRS	80	0	CCCS2A006EA
STORAGE LIFE	2012	MAX77930EFV+	150°C	1000	HRS	80	0	CCCS2A006FA
STORAGE LIFE	2015	MAX22203ATU+	150°C	500	HRS	80	0	CCGE7Q001
STORAGE LIFE	2015	MAX22203ATU+	150°C	1000	HRS	80	0	CCGE7Q002
STORAGE LIFE	2016	MAX25240AFFA/VY+	150°C	1000	HRS	80	0	CCEG5Q001FE
STORAGE LIFE	2016	MAX25240AFFA/VY+	150°C	1000	HRS	80	0	CCEG5Q001GB
STORAGE LIFE	2016	MAX25605ATP/VY+	150°C	1000	HRS	80	0	CCEY4Q003BA
STORAGE LIFE	2016	MAX25605ATP/VY+	150°C	1000	HRS	80	0	CCEY4Q003BB
STORAGE LIFE	2016	MAX25605ATP/VY+	150°C	1000	HRS	80	0	CCEY4Q003BC
STORAGE LIFE	2021	MAX22203ATU+	150°C	500	HRS	80	0	CCGE7Q003
STORAGE LIFE	2027	MAX20779ZGFC+	150°C	500	HRS	80	0	GXB18977ABB ENG
STORAGE LIFE	2028	MAX20779ZGFC+	150°C	500	HRS	80	0	GXB18977AAB ENG
STORAGE LIFE	2028	MAX20779ZGFC+	150°C	500	HRS	80	0	GXB18977ACB ENG
					Total:		**0**	

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT		QUANTITY	FAILS	LOT NO.
TEMP CYCLE, 15' RAMP, 15' DWELL		MAX77511SEWB+	-40C TO +125C (Condtion G)	500	CYS	80	0	CCTL4Z006B

TEMP CYCLE, 15' RAMP, 15' DWELL		MAX77511SEWB+	-40C TO +125C (Condtion G)	500	CYS	80	0	CCTL4Z006C
TEMP CYCLE, 15' RAMP, 15' DWELL		MAX77511SEWB+	-65C TO +150C (Condition C)	1000	CYS	80	0	CCTL4Z006E
TEMP CYCLE, 15' RAMP, 15' DWELL		MAX77511SEWB+	-40C TO +125C (Condtion G)	500	CYS	80	0	CCTL4Z006F
TEMP CYCLE, 15' RAMP, 15' DWELL		MAX77511SEWB+	-40C TO +125C (Condtion G)	500	CYS	80	0	CCTL4Z006G
TEMP CYCLE, 15' RAMP, 15' DWELL		MAX77705FEWN+T	-40C TO +125C (Condtion G)	500	CYS	80	0	CBTR7A733C
TEMP CYCLE, 15' RAMP, 15' DWELL		MAX77705FEWN+T	-40C TO +125C (Condtion G)	850	CYS	73	0	CBTR7A733D
TEMP CYCLE, 15' RAMP, 15' DWELL		MAX77705FEWN+T	-40C TO +125C (Condtion G)	850	CYS	75	0	CBTR7A733E
TEMP CYCLE, 15' RAMP, 15' DWELL	1744	MAX77705FEWN	-40C TO +125C (Condtion G)	500	CYS	80	0	LOTB
TEMP CYCLE, 15' RAMP, 15' DWELL	1849	MAX77503EEWC+T	-40C TO +125C (Condtion G)	500	CYS	80	0	CCTX6Q002DC
TEMP CYCLE, 5' RAMP, 10' DWELL	1852	MAX20000ATCB/V+	-65C TO +150C (Condition C)	1000	CYS	71	0	CCUU4Q002CF
TEMP CYCLE, 5' RAMP, 10' DWELL	1852	MAX20000ATCB/V+	-65C TO +150C (Condition C)	1000	CYS	71	0	CCUU4Q003CD
TEMP CYCLE, 5' RAMP, 10' DWELL	1907	MAX20000ATCB/V+	-65C TO +150C (Condition C)	1000	CYS	72	0	CCUU4Q001B/DA
TEMP CYCLE, 5' RAMP, 10' DWELL	1943	MAX25605ATP/VY+	-65C TO +150C (Condition C)	200	CYS	80	0	CCCS1Q002FE
TEMP CYCLE, 5' RAMP, 10' DWELL	1944	MAX77930EFV+	-65C TO +150C (Condition C)	500	CYS	300	0	CCCS2A007AO
TEMP CYCLE, 5' RAMP, 10' DWELL	1944	MAX77930EFV+	-65C TO +150C (Condition C)	500	CYS	300	0	CCCS2A007AO
TEMP CYCLE, 0' RAMP, 10' DWELL	1947	MAX20410AFOB/VY+	-40C TO +125C (Condtion B)	1000	CYS	50	0	CCCY5A004D#
TEMP CYCLE, 5' RAMP, 10' DWELL	1947	MAX20410AFOB/VY+	-65C TO +150C (Condition C)	1000	CYS	79	0	CCCY5A004D#
TEMP CYCLE, 5' RAMP, 10' DWELL	1947	MAX20410AFOB/VY+	-65C TO +150C (Condition C)	3500	CYS	80	0	CCCY5A004D#
TEMP CYCLE, 5' RAMP, 10' DWELL	1949	ENGAY17BTTI+	-65C TO +150C (Condition C)	500	CYS	78	0	CCBA0Z002CB

TEMP CYCLE, 5' RAMP, 10' DWELL	1952	ENGAY17BTTI+	-65C TO +150C (Condition C)	500	CYS	80	0	CCBA0A007A
TEMP CYCLE, 5' RAMP, 10' DWELL	2004	MAX20410AFOB/VY+	-65C TO +150C (Condition C)	1000	CYS	80	0	CCCY5Q003D#
TEMP CYCLE, 5' RAMP, 10' DWELL	2004	MAX20410AFOB/VY+	-65C TO +150C (Condition C)	3500	CYS	80	0	CCCY5Q003D#
TEMP CYCLE, 5' RAMP, 10' DWELL	2004	MAX20410AFOB/VY+	-65C TO +150C (Condition C)	1000	CYS	79	0	CCCY5Q003E#
TEMP CYCLE, 5' RAMP, 10' DWELL	2004	MAX20410AFOB/VY+	-65C TO +150C (Condition C)	3500	CYS	79	0	CCCY5Q003E#
TEMP CYCLE, 5' RAMP, 10' DWELL	2009	MAX25605ATP/VY+	-65C TO +150C (Condition C)	500	CYS	80	0	CCEY4Q001H
TEMP CYCLE, 5' RAMP, 10' DWELL	2010	MAX25605ATP/VY+	-65C TO +150C (Condition C)	500	CYS	80	0	CCEY4Q002B
TEMP CYCLE, 5' RAMP, 10' DWELL	2011	MAX25605ATP/VY+	-65C TO +150C (Condition C)	500	CYS	80	0	CCEY4A004B
TEMP CYCLE, 5' RAMP, 10' DWELL	2012	MAX77930EFV+	-65C TO +150C (Condition C)	1000	CYS	80	0	CCCS2A006DA
TEMP CYCLE, 5' RAMP, 10' DWELL	2012	MAX77930EFV+	-65C TO +150C (Condition C)	1000	CYS	80	0	CCCS2A006EA
TEMP CYCLE, 5' RAMP, 10' DWELL	2012	MAX77930EFV+	-65C TO +150C (Condition C)	1000	CYS	80	0	CCCS2A006FA
TEMP CYCLE, 5' RAMP, 10' DWELL	2015	MAX22203ATU+	-65C TO +150C (Condition C)	500	CYS	80	0	CCGE7Q001
TEMP CYCLE, 5' RAMP, 10' DWELL	2015	MAX22203ATU+	-65C TO +150C (Condition C)	500	CYS	80	0	CCGE7Q002
TEMP CYCLE, 5' RAMP, 10' DWELL	2016	MAX25240AFFA/VY+	-65C TO +150C (Condition C)	2000	CYS	80	0	CCEG5Q001FE
TEMP CYCLE, 5' RAMP, 10' DWELL	2016	MAX25240AFFA/VY+	-65C TO +150C (Condition C)	2000	CYS	80	0	CCEG5Q001FF
TEMP CYCLE, 5' RAMP, 10' DWELL	2016	MAX25240AFFA/VY+	-65C TO +150C (Condition C)	2000	CYS	80	0	CCEG5Q001GB
TEMP CYCLE, 5' RAMP, 10' DWELL	2016	MAX25605ATP/VY+	-65C TO +150C (Condition C)	1000	CYS	71	0	CCEY4Q003BA
TEMP CYCLE, 5' RAMP, 10' DWELL	2016	MAX25605ATP/VY+	-65C TO +150C (Condition C)	1000	CYS	71	0	CCEY4Q003BB
TEMP CYCLE, 5' RAMP, 10' DWELL	2016	MAX25605ATP/VY+	-65C TO +150C (Condition C)	1000	CYS	71	0	CCEY4Q003BC

TEMP CYCLE, 5' RAMP, 10' DWELL	2019	MAX25605AUP/V+	-65C TO +150C (Condition C)	500	CYS	80	0	CCGN5Q003IA
TEMP CYCLE, 5' RAMP, 10' DWELL	2019	MAX25605AUP/V+	-65C TO +150C (Condition C)	500	CYS	80	0	CCGN5Q003IB
TEMP CYCLE, 5' RAMP, 10' DWELL	2020	MAX25605AUP/V+	-65C TO +150C (Condition C)	500	CYS	80	0	CCGN5Q003IC
TEMP CYCLE, 0' RAMP, 10' DWELL	2020	MAX25605ATP/VY+	-40C TO +125C (Condtion B)	500	CYS	50	0	CCGN5Q003J
TEMP CYCLE, 5' RAMP, 10' DWELL	2021	MAX22203ATU+	-65C TO +150C (Condition C)	500	CYS	80	0	CCGE7Q003
TEMP CYCLE, 5' RAMP, 10' DWELL	2027	MAX20779ZGFC+	-65C TO +150C (Condition C)	500	CYS	80	0	GXB18977ABB ENG
TEMP CYCLE, 5' RAMP, 10' DWELL	2028	MAX20779ZGFC+	-65C TO +150C (Condition C)	500	CYS	80	0	GXB18977AAB ENG
TEMP CYCLE, 5' RAMP, 10' DWELL	2028	MAX20779ZGFC+	-65C TO +150C (Condition C)	500	CYS	80	0	GXB18977ACB ENG
					Total:		**0**	

TEMPERATURE HUMIDITY BIAS

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT		QUANTITY	FAILS	LOT NO.
BIASED MOISTURE		MAX77705FEWN+	130C, 85% R.H.	264	HRS	79	0	CBTR7A640D
BIASED MOISTURE		MAX77511SEWB+	130C, 85% R.H.	264	HRS	45	0	CCTL4Z006C
BIASED MOISTURE		MAX77511SEWB+	130C, 85% R.H.	264	HRS	45	0	CCTL4Z006D
BIASED MOISTURE		MAX16604GFN+	130C, 85% R.H.	96	HRS	80	0	CCUD2Z009C
BIASED MOISTURE	1846	MAX77930EFV+	130C, 85% R.H.	96	HRS	19	0	CBZU2Q002A
BIASED MOISTURE	1851	MAX20780	130C, 85% R.H.	96	HRS	19	0	ZOB00633AA-NPI
BIASED MOISTURE	1851	MAX20780	130C, 85% R.H.	96	HRS	30	0	Z0B00634AA-NPI
BIASED MOISTURE	1851	MAX20780	130C, 85% R.H.	96	HRS	30	0	Z0B00635AA-NPI
BIASED MOISTURE	1852	MAX20000ATCB/V+	130C, 85% R.H.	192	HRS	72	0	CCUU4Q002CF
BIASED MOISTURE	1852	MAX20000ATCB/V+	130C, 85% R.H.	192	HRS	71	0	CCUU4Q003CD
BIASED MOISTURE	1931	MAX22999ATU+	130C, 85% R.H.	96	HRS	80	0	CCBG2Z504A/A009B
BIASED MOISTURE	1943	MAX25605ATP/VY+	130C, 85% R.H.	96	HRS	79	0	CCCS1Q002FE
BIASED MOISTURE	1947	MAX20410AFOB/VY+	130C, 85% R.H.	96	HRS	80	0	CCCY5A004D#
BIASED MOISTURE	1948	MAX77511SEWB+	130C, 85% R.H.	264	HRS	45	0	CCTL4A007B
BIASED MOISTURE	1948	MAX77511SEWB+	130C, 85% R.H.	264	HRS	45	0	CCTL4A007C
BIASED MOISTURE	1948	MAX77511EWB+	130C, 85% R.H.	264	HRS	45	0	CCTLA007D
BIASED MOISTURE	1949	ENGAY17BTTI+	130C, 85% R.H.	96	HRS	76	0	CCBA0Z002CB
BIASED MOISTURE	1949	ENGAY17BTTI+	130C, 85% R.H.	96	HRS	77	0	CCBA0Z002CB

BIASED MOISTURE	1949	87-J779Z+X00	130C, 85% R.H.	96	HRS	20	0	EW203680AAE-ENG
BIASED MOISTURE	1949	87-J779Z+X00	130C, 85% R.H.	96	HRS	20	0	EW203680AAF-ENG
BIASED MOISTURE	1949	87-J779Z+X00	130C, 85% R.H.	96	HRS	20	0	EW203680AAG-ENG
BIASED MOISTURE	1949	87-J779Z+X00	130C, 85% R.H.	96	HRS	20	0	EW203680AAH-ENG
BIASED MOISTURE	1951	ENGAY17BTTI+	130C, 85% R.H.	96	HRS	77	0	CCBA0Z002BB
BIASED MOISTURE	1952	ENGAY17BTTI+	130C, 85% R.H.	96	HRS	80	0	CCBA0Z002BB
BIASED MOISTURE	2004	MAX20410AFOB/VY+	130C, 85% R.H.	96	HRS	80	0	CCCY5Q003D#
BIASED MOISTURE	2004	MAX20410AFOB/VY+	130C, 85% R.H.	192	HRS	80	0	CCCY5Q003E#
BIASED MOISTURE	2009	MAX25605ATP/VY+	130C, 85% R.H.	96	HRS	80	0	CCEY4Q001H
BIASED MOISTURE	2010	MAX25605ATP/VY+	130C, 85% R.H.	96	HRS	78	0	CCEY4Q002B
BIASED MOISTURE	2010	MAX25605ATP/VY+	130C, 85% R.H.	96	HRS	80	0	CCEY4Q002B
BIASED MOISTURE	2011	MAX25605ATP/VY+	130C, 85% R.H.	96	HRS	80	0	CCEY4A004B
BIASED MOISTURE	2012	MAX77930EFV+	130C, 85% R.H.	96	HRS	40	0	CCCS2A006DA
BIASED MOISTURE	2012	MAX77930EFV+	130C, 85% R.H.	96	HRS	40	0	CCCS2A006DA
BIASED MOISTURE	2012	MAX77930EFV+	85 C/85% R.H.	500	HRS	78	0	CCCS2A006DA
BIASED MOISTURE	2012	MAX77930EFV+	130C, 85% R.H.	96	HRS	40	0	CCCS2A006EA
BIASED MOISTURE	2012	MAX77930EFV+	130C, 85% R.H.	96	HRS	40	0	CCCS2A006EA
BIASED MOISTURE	2012	MAX77930EFV+	85 C/85% R.H.	500	HRS	40	0	CCCS2A006EA
BIASED MOISTURE	2012	MAX77930EFV+	130C, 85% R.H.	96	HRS	40	0	CCCS2A006FA
BIASED MOISTURE	2012	MAX77930EFV+	130C, 85% R.H.	96	HRS	40	0	CCCS2A006FA
BIASED MOISTURE	2015	MAX22203ATU+	130C, 85% R.H.	96	HRS	80	0	CCGE7Q001
BIASED MOISTURE	2016	MAX25240AFFA/VY+	130C, 85% R.H.	96	HRS	80	0	CCEG5Q001FE
BIASED MOISTURE	2016	MAX25240AFFA/VY+	130C, 85% R.H.	96	HRS	80	0	CCEG5Q001FF
BIASED MOISTURE	2016	MAX25240AFFA/VY+	130C, 85% R.H.	96	HRS	80	0	CCEG5Q001GB
BIASED MOISTURE	2016	MAX25605ATP/VY+	130C, 85% R.H.	192	HRS	72	0	CCEY4Q003BA
BIASED MOISTURE	2016	MAX25605ATP/VY+	130C, 85% R.H.	192	HRS	71	0	CCEY4Q003BB
BIASED MOISTURE	2016	MAX25605ATP/VY+	130C, 85% R.H.	96	HRS	83	0	CCEY4Q003BC
BIASED MOISTURE	2018	MAX17851AUP/V+	130C, 85% R.H.	96	HRS	80	0	CCED5Q001FA
BIASED MOISTURE	2018	MAX17851AUP/V+	130C, 85% R.H.	96	HRS	80	0	CCED5Q001FB
BIASED MOISTURE	2021	MAX22203ATU+	130C, 85% R.H.	96	HRS	80	0	CCGE7Q003
BIASED MOISTURE	2027	MAX20779ZGFC+	130C, 85% R.H.	96	HRS	80	0	GXB18977ABB ENG
BIASED MOISTURE	2028	MAX20779ZGFC+	130C, 85% R.H.	96	HRS	80	0	GXB18977AAB ENG
BIASED MOISTURE	2028	MAX20779ZGFC+	130C, 85% R.H.	96	HRS	80	0	GXB18977ACB ENG
					Total:		**0**	

UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	LOT NO.

MOISTURE SOAK	1907	MAX77964EWJ+T	130C, 85% R.H.	96	HRS	80	0	CCBA3Q001D
MOISTURE SOAK	1911	MAX17662AATE+	130C, 85% R.H.	96	HRS	80	0	CCAF0Q001E
MOISTURE SOAK	1943	MAX25605ATP/VY+	130C, 85% R.H.	96	HRS	80	0	CCCS1Q002FE
MOISTURE SOAK	1944	MAX77930EFV+	130C, 85% R.H.	96	CYS	80	0	CCCS2A007AO
MOISTURE SOAK	1947	MAX20410AFOB/VY+	130C, 85% R.H.	96	HRS	80	0	CCCY5A004D#
MOISTURE SOAK	1949	ENGAY17BTTI+	130C, 85% R.H.	96	HRS	80	0	CCBA0Z002BB
MOISTURE SOAK	1951	ENGAY17BTTI+	130C, 85% R.H.	96	HRS	80	0	CCBA0Z002BB
MOISTURE SOAK	1952	ENGAY17BTTI+	130C, 85% R.H.	96	HRS	80	0	CCBA0Z002BB
MOISTURE SOAK	2004	MAX20410AFOB/VY+	130C, 85% R.H.	96	CYS	80	0	CCCY5Q003D#
MOISTURE SOAK	2004	MAX20410AFOB/VY+	130C, 85% R.H.	192	CYS	80	0	CCCY5Q003E#
MOISTURE SOAK	2004	MAX20410AFOB/VY+	130C, 85% R.H.	96	CYS	50	0	CCCY5Q003E#
MOISTURE SOAK	2009	MAX25605ATP/VY+	130C, 85% R.H.	96	CYS	80	0	CCEY4Q001H
MOISTURE SOAK	2010	MAX25605ATP/VY+	130C, 85% R.H.	96	CYS	80	0	CCEY4Q002B
MOISTURE SOAK	2011	MAX25605ATP/VY+	130C, 85% R.H.	96	CYS	80	0	CCEY4A004B
MOISTURE SOAK	2012	MAX77930EFV+	130C, 85% R.H.	96	CYS	80	0	CCCS2A006DA
MOISTURE SOAK	2012	MAX77930EFV+	130C, 85% R.H.	96	CYS	80	0	CCCS2A006EA
MOISTURE SOAK	2012	MAX77930EFV+	130C, 85% R.H.	96	CYS	80	0	CCCS2A006FA
MOISTURE SOAK	2015	MAX22203ATU+	130C, 85% R.H.	96	CYS	80	0	CCGE7Q001
MOISTURE SOAK	2015	MAX22203ATU+	130C, 85% R.H.	96	CYS	80	0	CCGE7Q002
MOISTURE SOAK	2016	MAX25240AFFA/VY+	130C, 85% R.H.	96	HRS	80	0	CCEG5Q001FE
MOISTURE SOAK	2016	MAX25240AFFA/VY+	130C, 85% R.H.	96	HRS	80	0	CCEG5Q001FF
MOISTURE SOAK	2016	MAX25240AFFA/VY+	130C, 85% R.H.	96	HRS	80	0	CCEG5Q001GB
MOISTURE SOAK	2016	MAX25605ATP/VY+	130C, 85% R.H.	96	HRS	80	0	CCEY4Q003BA
MOISTURE SOAK	2016	MAX25605ATP/VY+	130C, 85% R.H.	96	HRS	80	0	CCEY4Q003BB
MOISTURE SOAK	2016	MAX25605ATP/VY+	130C, 85% R.H.	96	HRS	80	0	CCEY4Q003BC
MOISTURE SOAK	2018	MAX17851AUP/V+	130C, 85% R.H.	96	HRS	80	0	CCED5Q001FA
MOISTURE SOAK	2018	MAX17851AUP/V+	130C, 85% R.H.	96	HRS	80	0	CCED5Q001FB
MOISTURE SOAK	2018	MAX17851AUP/V+	130C, 85% R.H.	96	HRS	80	0	CCED5Q001FC
MOISTURE SOAK	2019	MAX25605AUP/V+	130C, 85% R.H.	96	HRS	80	0	CCGN5Q003IA
MOISTURE SOAK	2019	MAX25605AUP/V+	130C, 85% R.H.	96	HRS	80	0	CCGN5Q003IB
MOISTURE SOAK	2020	MAX25605AUP/V+	130C, 85% R.H.	96	HRS	80	0	CCGN5Q003IC
MOISTURE SOAK	2021	MAX22203ATU+	130C, 85% R.H.	96	HRS	80	0	CCGE7Q003
MOISTURE SOAK	2027	MAX20779ZGFC+	130C, 85% R.H.	96	HRS	80	0	GXB18977ABB ENG
MOISTURE SOAK	2028	MAX20779ZGFC+	130C, 85% R.H.	96	HRS	80	0	GXB18977AAB ENG
MOISTURE SOAK	2028	MAX20779ZGFC+	130C, 85% R.H.	96	HRS	80	0	GXB18977ACB ENG
					Total:		**0**	

FAILURE RATE: **MTTF (YRS): 233123** **QUANTITY: 3840** **FAILS: 1** **FITS: 0.5**