

4/16/2014



**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 | 32 | QFND (Pb-Free) | ANAM-AICL | 56 QFND (Pb-Free) |
| ANAM-AICL | 48 | TQFN (Pb-Free) | ASE Chung-Li | 140 MRQFN (Pb-Free) |
| ASE Chung-Li | 40 | QFN (Pb-Free) | ASE Chung-Li | 8 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 | 36 TQFN (Pb-Free) |
| ASE Chung-Li | 40 | TQFN (Pb-Free) | ASE Chung-Li | 44 TQFN (Pb-Free) |
| ASE Chung-Li | 48 | TQFN (Pb-Free) | ASE Chung-Li | 56 TQFN (Pb-Free) |
| ASE Chung-Li | 10 | uTQFN (Pb-Free) | ASE Korea | 44 QFN (Pb-Free) |
| ATP | 48 | TQFN (Pb-Free) | Carsem-S | 23 QFN-FC (Pb-Free) |
| PHIL | 28 | TQFN (Pb-Free) | UTACDG | 16 TQFN (Pb-Free) |
| UTACDG | 20 | TQFN (Pb-Free) | UTACDG | 24 TQFN (Pb-Free) |
| UTACDG | 28 | TQFN (Pb-Free) | UTACDG | 32 TQFN (Pb-Free) |
| UTACDG | 36 | TQFN (Pb-Free) | UTACDG | 40 TQFN (Pb-Free) |
| UTACDG | 48 | TQFN (Pb-Free) | UTACDG | 68 TQFN (Pb-Free) |
| UTL | 8 | TQFN (Pb-Free) | UTL | 12 TQFN (Pb-Free) |
| UTL | 16 | TQFN (Pb-Free) | UTL | 20 TQFN (Pb-Free) |
| UTL | 24 | TQFN (Pb-Free) | UTL | 28 TQFN (Pb-Free) |
| UTL | 32 | TQFN (Pb-Free) | UTL | 38 TQFN (Pb-Free) |
| UTL | 40 | TQFN (Pb-Free) | UTL | 48 TQFN (Pb-Free) |
| UTL | 56 | TQFN (Pb-Free) | UTL | 68 TQFN-EP (Pb-Free) |

The calculated failure rate for this assembly is:

FAILURE RATE: MTTF (YRS): 228311 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. 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 4/1/2013 and 3/31/2014.

Assembly Information:

Package Type: MRQFN (Pb-Free)
 Date Code Range: 1331 to 1331

TEMPERATURE CYCLE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|--------------------------------|-----------|--------------|--------------|-----------|----------|----------|-------|
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1331 | MAX2580EEGW+ | -65C TO 150C | 1500 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1331 | MAX2580EEGW+ | -65C TO 150C | 1500 CYS | 79 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1331 | MAX2580EEGW+ | -65C TO 150C | 1500 CYS | 78 | 0 | |
| Total: | | | | | | 0 | |

UNBIASED MOISTURE RESISTANCE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|---------------|-----------|--------------|----------------|-----------|----------|----------|-------|
| MOISTURE SOAK | 1331 | MAX2580EEGW+ | 130C, 85% R.H. | 400 HRS | 80 | 0 | |
| Total: | | | | | | 0 | |

Assembly Information:

Package Type: QFN (Pb-Free)
Date Code Range: 1323 to 1344

OPERATING LIFE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|-------------------|-----------|--------------|---------------------------------------|-----------|----------|----------|-------|
| HIGH TEMP OP LIFE | 1323 | SD408 | 105C, 18V (PSD), 16V (PSB) & 5V (PSA) | 1000 HRS | 80 | 0 | |
| HIGH TEMP OP LIFE | 1344 | MAX2906 | 125C, 5.5 VOLTS | 408 HRS | 79 | 0 | |
| Total: | | | | | | 0 | |

STORAGE LIFE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|---------------|-----------|--------------|-----------|-----------|----------|----------|-------|
| STORAGE LIFE | 1323 | SD408 | 150°C | 500 HRS | 45 | 0 | |
| Total: | | | | | | 0 | |

TEMPERATURE CYCLE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|--------------------------------|-----------|--------------|--------------|-----------|----------|----------|-------|
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1323 | SD408 | -55C TO 125C | 1000 CYS | 200 | 0 | |
| Total: | | | | | | 0 | |

TEMPERATURE HUMIDITY BIAS

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|---------------|-----------|--------------|---------------------|-----------|----------|----------|-------|
| HAST | 1323 | SD408 | 130C, 85%R.H., 5.0V | 96 HRS | 48 | 1 | |
| HAST | 1323 | SD408 | 130C, 85%R.H., 5.0V | 96 HRS | 32 | 0 | |
| Total: | | | | | | 1 | |

UNBIASED MOISTURE RESISTANCE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|---------------|-----------|--------------|----------------|-----------|----------|----------|-------|
| HAST, NO BIAS | 1323 | SD408 | 130C, 85% R.H. | 96 HRS | 80 | 0 | |
| Total: | | | | | | 0 | |

Assembly Information:

Package Type: QFND (Pb-Free)
Date Code Range: 1305 to 1350

OPERATING LIFE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|-------------------|-----------|------------------|-----------|-----------|----------|-------|-------|
| HIGH TEMP OP LIFE | 1305 | MAX16993AGJC/VY+ | 135°C | 1000 HRS | 78 | 0 | |

| | | | | | | | |
|-------------------|------|-----------------|-------|---------------|-----|----------|----------|
| HIGH TEMP OP LIFE | 1320 | MAX16993AGJC/VY | 135°C | 192 | HRS | 79 | 0 |
| | | + | | | | | |
| HIGH TEMP OP LIFE | 1320 | MAX16993AGJC/VY | 135°C | 1000 | HRS | 79 | 0 |
| | | + | | | | | |
| HIGH TEMP OP LIFE | 1321 | MAX16993AGJC/VY | 135°C | 192 | HRS | 79 | 0 |
| | | + | | | | | |
| HIGH TEMP OP LIFE | 1321 | MAX16993AGJC/VY | 135°C | 1000 | HRS | 79 | 0 |
| | | + | | | | | |
| HIGH TEMP OP LIFE | 1350 | MAX9276GGN/VY+ | 135°C | 192 | HRS | 78 | 0 |
| HIGH TEMP OP LIFE | 1350 | MAX9276GGN/VY+ | 135°C | 192 | HRS | 80 | 0 |
| | | | | Total: | | 0 | 0 |

STORAGE LIFE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|--------------|-----------|-----------------|-----------|---------------|----------|----------|----------|
| STORAGE LIFE | 1305 | MAX16993GJC/VY+ | 150°C | 1000 | 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 | 1305 | MAX16993GJC/VY+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1318 | MAX9276GGN+ | -65C TO 150C | 1000 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1318 | MAX9276GGN+ | -65C TO 150C | 1000 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1318 | MAX9276GGN+ | -65C TO 150C | 1000 | CYS | 78 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1320 | MAX16993AGJC/VY | -65C TO 150C | 500 | CYS | 80 | 0 |
| | | + | | | | | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1321 | MAX16993AGJC/VY | -65C TO 150C | 500 | CYS | 80 | 0 |
| | | + | | | | | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1345 | MAX9276GGN+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1350 | MAX9276GGN/VY+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1350 | MAX9276GGN/VY+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| | | | | Total: | | 0 | 0 |

TEMPERATURE HUMIDITY BIAS

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|-----------------|-----------|-----------------|----------------|-----------|----------|-------|-------|
| BIASED MOISTURE | 1305 | MAX16993GJC/VY+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| BIASED MOISTURE | 1320 | MAX16993AGJC/VY | 130C, 85% R.H. | 100 | HRS | 26 | 0 |
| | | + | | | | | |
| BIASED MOISTURE | 1321 | MAX16993AGJC/VY | 130C, 85% R.H. | 100 | HRS | 27 | 0 |
| | | + | | | | | |
| BIASED MOISTURE | 1345 | MAX9276GGN+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1350 | MAX9276GGN/VY+ | 130C, 85% R.H. | 96 | HRS | 32 | 0 |
| BIASED MOISTURE | 1350 | MAX9276GGN/VY+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1350 | MAX9276GGN/VY+ | 130C, 85% R.H. | 96 | HRS | 48 | 0 |

Total: 0

UNBIASED MOISTURE RESISTANCE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|---------------|-----------|------------------|----------------|-----------|----------|----------|-------|
| MOISTURE SOAK | 1305 | MAX16993GJC/VY+ | 130C, 85% R.H. | 100 HRS | 80 | 0 | |
| MOISTURE SOAK | 1320 | MAX16993AGJC/VY+ | 130C, 85% R.H. | 100 HRS | 80 | 0 | |
| MOISTURE SOAK | 1321 | MAX16993AGJC/VY+ | 130C, 85% R.H. | 100 HRS | 80 | 0 | |
| MOISTURE SOAK | 1350 | MAX9276GGN/VY+ | 130C, 85% R.H. | 96 HRS | 80 | 0 | |
| MOISTURE SOAK | 1350 | MAX9276GGN/VY+ | 130C, 85% R.H. | 100 HRS | 80 | 0 | |
| MOISTURE SOAK | 1350 | MAX9276GGN/VY+ | 130C, 85% R.H. | 96 HRS | 80 | 0 | |
| Total: | | | | | | 0 | |

Assembly Information:

Package Type: QFN-FC (Pb-Free)

Date Code Range: N/A to N/A

OPERATING LIFE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|-------------------|-----------|--------------|-----------|-----------|----------|----------|-------|
| HIGH TEMP OP LIFE | N/A | MAX15074EAQ+ | 135°C | 1000 HRS | 79 | 0 | |
| Total: | | | | | | 0 | |

STORAGE LIFE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|---------------|-----------|--------------|-----------|-----------|----------|----------|-------|
| STORAGE LIFE | N/A | MAX15074EAQ+ | 150°C | 1000 HRS | 80 | 0 | |
| Total: | | | | | | 0 | |

Assembly Information:

Package Type: TQFN (Pb-Free)

Date Code Range: 1147 to N/A

OPERATING LIFE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|-------------------|-----------|--------------|-----------------|-----------|----------|-------|-------|
| HIGH TEMP OP LIFE | 1147 | MAX9688ETI+ | 135°C | 500 HRS | 40 | 0 | |
| HIGH TEMP OP LIFE | 1150 | MAX16814ATP+ | 135°C | 1000 HRS | 80 | 0 | |
| HIGH TEMP OP LIFE | 1217 | MAX9695ETM+ | 135°C | 1000 HRS | 45 | 0 | |
| HIGH TEMP OP LIFE | 1217 | MAX9695ETM+ | 135°C | 1000 HRS | 45 | 0 | |
| HIGH TEMP OP LIFE | 1217 | MAX9695ETM+ | 135°C | 1000 HRS | 45 | 0 | |
| HIGH TEMP OP LIFE | 1219 | MAX9695ETM+ | 135°C | 500 HRS | 45 | 0 | |
| HIGH TEMP OP LIFE | 1227 | MAX9695ETM+ | 135°C | 1000 HRS | 32 | 0 | |
| HIGH TEMP OP LIFE | 1227 | MAX9695ETM+ | 135°C | 1000 HRS | 32 | 0 | |
| HIGH TEMP OP LIFE | 1229 | MAX16834ATP+ | 135°C | 1000 HRS | 48 | 0 | |
| HIGH TEMP OP LIFE | 1235 | MAX78615 | 125C, 3.6 VOLTS | 192 HRS | 80 | 0 | |

| | | | | | | | |
|-------------------|------|------------------------|-----------------|------|-----|-----|---|
| HIGH TEMP OP LIFE | 1235 | MAX5993ATL+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1241 | MAX2173ETL/V+ | 135°C | 1000 | HRS | 77 | 0 |
| HIGH TEMP OP LIFE | 1241 | MAX16907RATE/V+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1242 | MAX14810CTU+ | 135°C | 192 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1243 | MAX2173ETL/V+ | 135°C | 1000 | HRS | 74 | 0 |
| HIGH TEMP OP LIFE | 1244 | MAX17140AETL+ | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1244 | MAX2173ETL/V+ | 135°C | 1000 | HRS | 77 | 0 |
| HIGH TEMP OP LIFE | 1245 | MAX15511GTL+ | 135°C | 1000 | HRS | 45 | 0 |
| HIGH TEMP OP LIFE | 1245 | MAX15511GTL+ | 135°C | 1000 | HRS | 45 | 0 |
| HIGH TEMP OP LIFE | 1245 | MAX15511GTL+ | 135°C | 1000 | HRS | 45 | 0 |
| HIGH TEMP OP LIFE | 1246 | MAXQ1741 | 125C, 3.6 VOLTS | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1247 | MAX16963SATEC/V + | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1247 | MAX9688ETI+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1247 | MAX9688ETI+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1247 | MAX9688ETI+ | 135°C | 1000 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1248 | MAX11190ETE+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1248 | MAX17491GTA+T | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1248 | MAX17491GTA+T | 135°C | 1000 | HRS | 74 | 0 |
| HIGH TEMP OP LIFE | 1248 | MAX17491GTA+T | 135°C | 1000 | HRS | 70 | 0 |
| HIGH TEMP OP LIFE | 1248 | MAX17491GTA+T | 135°C | 1000 | HRS | 72 | 0 |
| HIGH TEMP OP LIFE | 1248 | MAX11190ETE+ | 135°C | 192 | HRS | 77 | 0 |
| HIGH TEMP OP LIFE | 1249 | MAX16984RATI/V+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1250 | MAX16930ATLS/V+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1250 | MAX20021ATIA/V+ | 135°C | 1000 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1250 | MAX2180AETG/V+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1302 | MAX9273AL1 | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1303 | MAX14660ETG+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1303 | MAX2832ETM+ | 135°C | 192 | HRS | 70 | 0 |
| HIGH TEMP OP LIFE | 1303 | MAX3797ETE+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1303 | MAX16936RATEA/V + | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1303 | MAX16992ATCF/V+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1304 | MAX98400AETX+ | 135°C | 500 | HRS | 80 | 1 |
| HIGH TEMP OP LIFE | 1304 | MAX98400AETX+ | 135°C | 1000 | HRS | 120 | 0 |
| HIGH TEMP OP LIFE | 1305 | MAX24011 | 125C, 3.6 VOLTS | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1305 | MAX2151 | 105C, 3.6 VOLTS | 408 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1305 | MAX16936RATE/V+ CEK | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1306 | DS8500 | 125C, 3.6 VOLTS | 192 | HRS | 48 | 0 |

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|-------------------|------|----------------|-------------------------------|------|-----|----|---|
| HIGH TEMP OP LIFE | 1306 | DS8500 | 125C, 3.6 VOLTS | 192 | HRS | 32 | 0 |
| HIGH TEMP OP LIFE | 1306 | MAX14809ETK+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1306 | MAX17140AETL+ | 135°C | 192 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1306 | MAX17140AETL+ | 135°C | 192 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1306 | MAX9276GTN+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1307 | MAX14777GTP+ | 135°C | 240 | HRS | 78 | 0 |
| HIGH TEMP OP LIFE | 1307 | MAX14777GTP+ | 135°C | 228 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1307 | MAX14778ETP+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1308 | MAX14659ETE+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1308 | MAX11190ETE+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1308 | MAX11190ETE+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1308 | MAX11190ETE+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1309 | MAX2136AETJ/V+ | 135°C | 192 | HRS | 32 | 0 |
| HIGH TEMP OP LIFE | 1309 | MAX2136AETJ/V+ | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1309 | MAX3747CETG+ | 135°C | 1000 | HRS | 78 | 0 |
| HIGH TEMP OP LIFE | 1310 | MAXQ610 | 125C, 3.6 VOLTS | 1000 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1310 | MAXQ610 | 125C, 3.6 VOLTS | 1000 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1310 | MAXQ610 | 125C, 3.6 VOLTS | 1000 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1310 | MAXQ149 | 125C, 3.6V (PSB) & 5.5V (PSA) | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1310 | MAX14661ETI+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1310 | MAX14778ETP+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1310 | MAX2181ETE+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1310 | MAX2181ETE/V+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1311 | MAX3738ETG+ | 135°C | 500 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1312 | MAX31790 | 125C, 5.5 VOLTS | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1312 | MAX15301ETJ+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1312 | MAX15301ETJ+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1312 | MAX15301ETJ+ | 135°C | 1000 | HRS | 78 | 0 |
| HIGH TEMP OP LIFE | 1312 | MAX14778ETP+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1313 | MAX15091ETI+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1314 | MAX5972BETE+ | 135°C | 1000 | HRS | 47 | 0 |
| HIGH TEMP OP LIFE | 1314 | MAX15091ETI+ | 135°C | 500 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1314 | MAX15091ETI+ | 135°C | 1000 | HRS | 78 | 1 |
| HIGH TEMP OP LIFE | 1314 | MAX15091ETI+ | 135°C | 1000 | HRS | 80 | 1 |
| HIGH TEMP OP LIFE | 1314 | MAX15091TI+ | 135°C | 500 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1314 | MAX2553ETN/V+ | 135°C | 192 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1314 | MAX2553ETN/V+ | 135°C | 500 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1315 | MAXQ1851 | 125C, 3.6 VOLTS | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1315 | MAX2363ETM+ | 135°C | 1000 | HRS | 77 | 0 |
| HIGH TEMP OP LIFE | 1315 | MAX2363ETM+ | 135°C | 500 | HRS | 77 | 0 |

| | | | | | | | |
|-------------------|------|----------------------|--------------------------------|------|-----|-----|---|
| HIGH TEMP OP LIFE | 1315 | MAX2363ETM+ | 135°C | 1000 | HRS | 77 | 0 |
| HIGH TEMP OP LIFE | 1315 | MAX2363ETM+ | 135°C | 1000 | HRS | 77 | 0 |
| HIGH TEMP OP LIFE | 1316 | MAX3521ETP+ | 135°C | 192 | HRS | 30 | 0 |
| HIGH TEMP OP LIFE | 1316 | MAX3521ETP+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1316 | MAX14778ETP+ | 135°C | 1000 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1316 | MAX2181AETE/V+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1317 | MAXQ616 | 125C, 3.6 VOLTS | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1317 | MAXQ616 | 125C, 3.6 VOLTS | 192 | HRS | 32 | 0 |
| HIGH TEMP OP LIFE | 1317 | MAX98400AETX+ | 135°C | 1000 | HRS | 77 | 0 |
| HIGH TEMP OP LIFE | 1317 | MAX2180AETG+ | 135°C | 1000 | HRS | 35 | 0 |
| HIGH TEMP OP LIFE | 1317 | MAX2180AETG+ | 135°C | 1000 | HRS | 35 | 0 |
| HIGH TEMP OP LIFE | 1317 | MAX2180AETG+ | 135°C | 1000 | HRS | 45 | 0 |
| HIGH TEMP OP LIFE | 1319 | MAX2553ETN/V+ | 135°C | 500 | HRS | 77 | 0 |
| HIGH TEMP OP LIFE | 1319 | MAX2553ETN/V+ | 135°C | 192 | HRS | 78 | 0 |
| HIGH TEMP OP LIFE | 1320 | MAX14836GTG+ | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1320 | MAX16813ATP/V+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1320 | MAX98400AETX+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1322 | MAX14689ETP+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1322 | MAX98357BETE+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1323 | DS3923 | 125C, 3.6V (PSA) & 76.0V (PSD) | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1323 | MAX16962RATEA/V + | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1323 | MAX16962RATEA/V + | 135°C | 1000 | HRS | 40 | 0 |
| HIGH TEMP OP LIFE | 1323 | MAX16962RATEA/V + | 135°C | 1000 | HRS | 40 | 0 |
| HIGH TEMP OP LIFE | 1323 | MAX16962RATEA/V + | 135°C | 1000 | HRS | 40 | 0 |
| HIGH TEMP OP LIFE | 1323 | MAX16962RATEA/V + | 135°C | 1000 | HRS | 40 | 0 |
| HIGH TEMP OP LIFE | 1324 | MAXEXP7ETE+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1325 | MAX34411 | 125C, 3.6 VOLTS | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1325 | MAX9275GTN+ | 135°C | 1000 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1325 | MAX9832ETG+ | 135°C | 1000 | HRS | 149 | 0 |
| HIGH TEMP OP LIFE | 1325 | MAXEXP7ETE+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1326 | MAX1781ETM+ | 135°C | 1000 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1326 | MAX1781ETM+ | 135°C | 500 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1326 | MAX1781ETM+ | 135°C | 1000 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1326 | MAX1781ETM+ | 135°C | 500 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1326 | MAX14629EETJ+ | 135°C | 1000 | HRS | 77 | 0 |
| HIGH TEMP OP LIFE | 1327 | MAX15303ETL+ | 135°C | 500 | HRS | 79 | 0 |

| | | | | | | | |
|-------------------|------|----------------|-----------------|------|-----|----------|---|
| HIGH TEMP OP LIFE | 1327 | MAX17491GTA+ | 135°C | 1000 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1327 | MAX98400AETX+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1328 | MAX9832ETG+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1328 | MAX2181AETE/V+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1330 | MAX3956ETJ+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1330 | MAXEXP7ETE+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1332 | MAX3738ETG+ | 135°C | 500 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1332 | MAX3738ETG+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1333 | MAX3738ETG+ | 135°C | 500 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1333 | MAX2870ETJ+ | 135°C | 1028 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1333 | MAX2870ETJ+ | 135°C | 500 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1337 | MAX14695ETE+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1338 | MAX14836GTG+ | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1338 | MAX3738ETG+ | 135°C | 500 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1338 | MAX98400AETX+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1339 | MAX3728ACTE+ | 135°C | 500 | HRS | 34 | 0 |
| HIGH TEMP OP LIFE | 1340 | DS4830A | 125C, 3.6 VOLTS | 240 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1343 | MAX98357AETE+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1343 | MAX98357AETE+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1344 | MAX2906ETL+ | 135°C | 408 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1345 | MAXQ617 | 125C, 3.6 VOLTS | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1345 | MAXQ617 | 125C, 3.6 VOLTS | 192 | HRS | 32 | 0 |
| HIGH TEMP OP LIFE | 1346 | MAX2880ETP+ | 135°C | 240 | HRS | 80 | 1 |
| HIGH TEMP OP LIFE | 1346 | MAX17491GTA+ | 135°C | 1000 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | N/A | MAX24001TL+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | N/A | MAX24001TL+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | N/A | MAX24001TL+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | N/A | MAX5961ETM+ | 135°C | 500 | HRS | 38 | 0 |
| HIGH TEMP OP LIFE | N/A | MAX5961ETM+ | 135°C | 500 | HRS | 42 | 0 |
| HIGH TEMP OP LIFE | N/A | MAX5961ETM+ | 135°C | 1000 | HRS | 41 | 0 |
| HIGH TEMP OP LIFE | N/A | MAX5961ETM+ | 135°C | 500 | HRS | 41 | 0 |
| Total: | | | | | | 4 | |

STORAGE LIFE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|--------------|-----------|---------------|-----------|-----------|----------|-------|-------|
| STORAGE LIFE | 1231 | MAX19757ETX+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1237 | MAX98950ETP+ | 150°C | 500 | HRS | 80 | 0 |
| STORAGE LIFE | 1243 | MAX2173ETL/V+ | 150°C | 1000 | HRS | 77 | 0 |
| STORAGE LIFE | 1244 | MAX2173ETL/V+ | 150°C | 1000 | HRS | 77 | 0 |
| STORAGE LIFE | 1245 | MAX15511GTL+ | 150°C | 1000 | HRS | 79 | 0 |

| | | | | | | |
|--------------|------|------------------------|-------|----------|----|---|
| STORAGE LIFE | 1245 | MAX15511GTL+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1245 | MAX15511GTL+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1247 | MAX9684ETN+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1247 | MAX9684ETN+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1247 | MAX9684ETN+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1248 | MAX17491GTA+T | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1248 | MAX17491GTA+T | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1248 | MAX17491GTA+T | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1248 | MAX17491GTA+T | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1302 | MAX9271GTJ/V+ | 150°C | 500 HRS | 50 | 0 |
| STORAGE LIFE | 1302 | MAX9273GTL/V+ | 150°C | 500 HRS | 80 | 0 |
| STORAGE LIFE | 1302 | MAX9273GTL/V+ | 150°C | 500 HRS | 50 | 0 |
| STORAGE LIFE | 1303 | MAX3797ETE+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1304 | MAX98400AETX+ | 150°C | 500 HRS | 80 | 0 |
| STORAGE LIFE | 1304 | MAX98400AETX+ | 150°C | 1000 HRS | 77 | 0 |
| STORAGE LIFE | 1305 | MAX2151 | 150°C | 500 HRS | 45 | 0 |
| STORAGE LIFE | 1305 | MAX16936RATE/V+ CEK | 150°C | 1000 HRS | 50 | 0 |
| STORAGE LIFE | 1307 | MAX14778ETP+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1307 | MAX9272GTM/V+ | 150°C | 1000 HRS | 50 | 0 |
| STORAGE LIFE | 1308 | MAX9271GTJ/V+ | 150°C | 500 HRS | 50 | 0 |
| STORAGE LIFE | 1308 | MAX11190ETE+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1308 | MAX11190ETE+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1308 | MAX11190ETE+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1310 | MAXQ610 | 150°C | 1000 HRS | 77 | 0 |
| STORAGE LIFE | 1310 | MAXQ610 | 150°C | 1000 HRS | 77 | 0 |
| STORAGE LIFE | 1310 | MAXQ610 | 150°C | 1000 HRS | 77 | 0 |
| STORAGE LIFE | 1310 | MAXQ610 | 150°C | 1000 HRS | 77 | 0 |
| STORAGE LIFE | 1310 | MAX14778ETP+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1311 | MAX2553ETN/V+ | 150°C | 500 HRS | 50 | 0 |
| STORAGE LIFE | 1312 | MAX15301ETJ+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1312 | MAX15301ETJ+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1312 | MAX15301ETJ+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1312 | MAX14778ETP+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1313 | MAX15091ETI+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1313 | MAX15091ETI+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1314 | MAX15091ETI+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1314 | MAX15091ETI+ | 150°C | 1000 HRS | 80 | 0 |

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|--------------|------|----------------------|-------|------|-----|----|---|
| STORAGE LIFE | 1314 | MAX2553ETN/V+ | 150°C | 500 | HRS | 50 | 0 |
| STORAGE LIFE | 1315 | MAX2363ETM+ | 150°C | 1000 | HRS | 77 | 0 |
| STORAGE LIFE | 1315 | MAX2363ETM+ | 150°C | 1000 | HRS | 77 | 0 |
| STORAGE LIFE | 1315 | MAX2363ETM+ | 150°C | 1000 | HRS | 77 | 0 |
| STORAGE LIFE | 1316 | MAX14778ETP+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1316 | MAX2181AETE/V+ | 150°C | 500 | HRS | 50 | 0 |
| STORAGE LIFE | 1316 | MAX9240GTM+ | 150°C | 1000 | HRS | 50 | 0 |
| STORAGE LIFE | 1316 | MAX9240GTM+ | 150°C | 1000 | HRS | 50 | 0 |
| STORAGE LIFE | 1316 | MAX9240GTM/V+ | 150°C | 500 | HRS | 50 | 0 |
| STORAGE LIFE | 1316 | MAX9276GTN+ | 150°C | 500 | HRS | 50 | 0 |
| STORAGE LIFE | 1316 | MAX9276GTN+ | 150°C | 1000 | HRS | 50 | 0 |
| STORAGE LIFE | 1317 | MAX98400AETX+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1317 | MAX2180AETG+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1317 | MAX2180AETG+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1317 | MAX2180AETG+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1317 | MAX2180AETG+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1320 | MAX98400AETX+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1323 | MAX16962RATEA/V + | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1323 | MAX16962RATEA/V + | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1323 | MAX16962RATEA/V + | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1323 | MAX16962RATEA/V + | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1324 | MAXEXP7ETE+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1325 | MAX9832ETG+ | 150°C | 1000 | HRS | 79 | 0 |
| STORAGE LIFE | 1325 | MAXEXP7ETE+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1326 | MAX1781ETM+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1326 | MAX1781ETM+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1326 | MAX1781ETM+ | 150°C | 1000 | HRS | 80 | 1 |
| STORAGE LIFE | 1326 | MAX14629EETJ+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1327 | MAX17491GTA+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1327 | MAX98400AETX+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1328 | MAX9832ETG+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1328 | MAX2181AETE/V+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1328 | MAX2181AETE/V+ | 150°C | 1000 | HRS | 80 | 0 |
| STORAGE LIFE | 1329 | MAX9275GTN/V+ | 150°C | 500 | HRS | 80 | 0 |
| STORAGE LIFE | 1329 | MAX9275GTN/V+ | 150°C | 500 | HRS | 50 | 0 |
| STORAGE LIFE | 1329 | MAX15304ETJ+ | 150°C | 1000 | HRS | 80 | 0 |

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|---------------|------|--------------|-------|----------|----|----------|
| STORAGE LIFE | 1330 | MAXEXP7ETE+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1346 | MAX98950ETP+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1346 | MAX17491GTA+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1347 | MAX98950ETP+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1347 | MAX98950ETP+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | 1403 | MAX4811CTN+ | 150°C | 500 HRS | 80 | 0 |
| STORAGE LIFE | N/A | MAX24001TL+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | N/A | MAX24001TL+ | 150°C | 1000 HRS | 80 | 0 |
| STORAGE LIFE | N/A | MAX24001TL+ | 150°C | 1000 HRS | 80 | 0 |
| Total: | | | | | | 1 |

TEMPERATURE CYCLE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|--------------------------------|-----------|------------------|--------------|-----------|----------|-------|-------|
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1237 | MAX98950ETP+ | -65C TO 150C | 500 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1244 | MAX2173ETL/V+ | -65C TO 150C | 500 CYS | 77 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1247 | MAX9688ETI+ | -65C TO 150C | 1000 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1247 | MAX9688ETI+ | -65C TO 150C | 1000 CYS | 78 | 1 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1247 | MAXQ7666BATM+ | -65C TO 150C | 1000 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1247 | MAXQ7666BATM+ | -65C TO 150C | 1000 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1247 | MAXQ7666BATM+ | -65C TO 150C | 1000 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1247 | MAX9684ETN+ | -65C TO 150C | 1000 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1247 | MAX9684ETN= | -65C TO 150C | 1000 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1247 | MAX9684ETN+ | -65C TO 150C | 1000 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1248 | MAX17491GTA+T | -65C TO 150C | 1000 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1248 | MAX17491GTA+T | -65C TO 150C | 1000 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1248 | MAX17491GTA+T | -65C TO 150C | 1000 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1302 | MAX9271GTJ/V+ | -65C TO 150C | 500 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1302 | MAX9273GTL/V+ | -65C TO 150C | 500 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1302 | MAX9273GTL/V+ | -65C TO 150C | 500 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1303 | MAX3797ETE+ | -65C TO 150C | 1000 CYS | 80 | 0 | |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1303 | MAX16936RATEA/V+ | -65C TO 150C | 500 CYS | 80 | 0 | |

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|--------------------------------|------|---------------------|--------------|------|-----|----|---|
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1304 | MAX98400AETX+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1305 | MAX16936RATE/V+ CEK | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1307 | MAX14778ETP+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1307 | MAX9272GTM/V+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1307 | MAX9272GTM/V+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1308 | MAX9271GTJ/V+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1308 | MAX11190ETE+ | -65C TO 150C | 1000 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1308 | MAX11190ETE+ | -65C TO 150C | 1000 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1308 | MAX11190ETE+ | -65C TO 150C | 1000 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1310 | MAXQ610 | -55C TO 125C | 1000 | CYS | 85 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1310 | MAXQ610 | -55C TO 125C | 1000 | CYS | 85 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1310 | MAXQ610 | -55C TO 125C | 1000 | CYS | 85 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1310 | MAXQ610 | -55C TO 125C | 1000 | CYS | 85 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1310 | MAX14778ETP+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1311 | MAX2553ETN/V+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1312 | MAX15301ETJ+ | -65C TO 150C | 1000 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1312 | MAX15301ETJ+ | -65C TO 150C | 1000 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1312 | MAX15301ETJ+ | -65C TO 150C | 1000 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1312 | MAX14778ETP+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1313 | MAX15091ETI+ | -65C TO 150C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1313 | MAX15091ETI+ | -65C TO 150C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1314 | MAX15091ETI+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1314 | MAX15091ETI+ | -65C TO 150C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1314 | MAX2553ETN/V+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1315 | MAX2363ETM+ | -65C TO 150C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1315 | MAX2363ETM+ | -65C TO 150C | 1000 | CYS | 77 | 0 |

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|--------------------------------|------|-------------------|--------------|----------|----|---|
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1315 | MAX2363ETM+ | -65C TO 150C | 1000 CYS | 77 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1316 | MAX14778ETP+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1316 | MAX9280GTN/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1316 | MAX9280GTN/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1316 | MAX9280GTN/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1316 | MAX2181AETE/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1316 | MAX9240GTM/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1316 | MAX9240GTM/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1316 | MAX9276GTN+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1317 | MAX98400AETX+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1317 | MAX2180AETG+ | -65C TO 150C | 1000 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1317 | MAX2180AETG+ | -65C TO 150C | 1000 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1317 | MAX2180AETG+ | -65C TO 150C | 1000 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1317 | MAX2180AETG+ | -65C TO 150C | 1000 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1318 | MAX16936RATEA/V + | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1318 | MAX16936RATEA/V + | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1319 | MAX2553ETN/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1320 | MAX98400AETX+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1323 | MAX16962RATEA/V + | -65C TO 150C | 1000 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1323 | MAX16962RATEA/V + | -65C TO 150C | 1000 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1323 | MAX16962RATEA/V + | -65C TO 150C | 1000 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1323 | MAX16962RATEA/V + | -65C TO 150C | 1000 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1324 | MAXEXP7ETE+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1325 | MAX9832ETG+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1325 | MAXEXP7ETE+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1326 | MAX1781ETM+ | -65C TO 150C | 1000 CYS | 76 | 0 |

| | | | | | | |
|--------------------------------|------|----------------|--------------|----------|----|---|
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1326 | MAX1781ETM+ | -65C TO 150C | 1000 CYS | 77 | 1 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1326 | MAX1781ETM+ | -65C TO 150C | 1000 CYS | 80 | 1 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1326 | MAX1781ETM+ | -65C TO 150C | 1000 CYS | 76 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1326 | MAX1781ETM+ | -65C TO 150C | 1000 CYS | 80 | 1 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1326 | MAX14629EETJ+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1327 | MAX17491GTA+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1327 | MAX98400AETX+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1328 | MAX9832ETG+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1328 | MAX2181AETE/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1328 | MAX2181AETE/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1329 | MAX9275GTN/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1329 | MAX9275GTN/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1329 | MAX9275GTN/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1329 | MAX9275GTN/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1329 | MAX9275GTN/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1329 | MAX9275GTN/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1329 | MAX9275GTN/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1329 | MAX15304ETJ+ | -65C TO 150C | 1000 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1330 | MAXEXP7ETE+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1331 | MAX2181AETE/V+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1336 | MAX24021ETL+ | -65C TO 150C | 200 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1346 | MAX98950ETP+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1346 | MAX17491GTA+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1347 | MAX98950ETP+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1347 | MAX98950ETP+ | -65C TO 150C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1403 | MAX4811CTN+ | -65C TO 150C | 1000 CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | N/A | MAX24001TL+ | -65C TO 150C | 500 CYS | 80 | 0 |

| | | | | | | | |
|--------------------------------|-----|-------------|--------------|-----|-----|----------|---|
| TEMP CYCLE, 5' RAMP, 10' DWELL | N/A | MAX24001TL+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | N/A | MAX24001TL+ | -65C TO 150C | 500 | CYS | 80 | 0 |
| Total: | | | | | | 4 | |

TEMPERATURE HUMIDITY BIAS

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|-----------------|-----------|---------------------|---------------------|-----------|----------|-------|-------|
| BIASED MOISTURE | 1217 | MAX9695ETM+ | 130C, 85% R.H. | 96 | HRS | 46 | 0 |
| BIASED MOISTURE | 1245 | MAX16907RATE/V+ | 130C, 85% R.H. | 96 | HRS | 77 | 0 |
| BIASED MOISTURE | 1245 | MAX15511GTL+ | 130C, 85% R.H. | 100 | HRS | 21 | 0 |
| BIASED MOISTURE | 1247 | MAX9688ETI+ | 130C, 85% R.H. | 100 | HRS | 34 | 0 |
| BIASED MOISTURE | 1247 | MAX9688ETI+ | 130C, 85% R.H. | 100 | HRS | 33 | 0 |
| BIASED MOISTURE | 1247 | MAX9688ETI+ | 130C, 85% R.H. | 100 | HRS | 34 | 0 |
| BIASED MOISTURE | 1248 | MAX17491GTA+T | 130C, 85% R.H. | 192 | HRS | 45 | 0 |
| BIASED MOISTURE | 1248 | MAX17491GTA+T | 130C, 85% R.H. | 192 | HRS | 45 | 0 |
| BIASED MOISTURE | 1248 | MAX17491GTA+T | 130C, 85% R.H. | 192 | HRS | 44 | 0 |
| BIASED MOISTURE | 1248 | MAX17491GTA+T | 130C, 85% R.H. | 192 | HRS | 45 | 0 |
| BIASED MOISTURE | 1302 | MAX9271GTJ/V+ | 130C, 85% R.H. | 96 | HRS | 80 | 0 |
| BIASED MOISTURE | 1302 | MAX9273GTL/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| BIASED MOISTURE | 1303 | MAX3797ETE+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| BIASED MOISTURE | 1303 | MAX3797ETE+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1303 | MAX16936RATEA/V+ | 130C, 85% R.H. | 100 | HRS | 77 | 0 |
| BIASED MOISTURE | 1305 | MAX16936RATE/V+ CEK | 130C, 85% R.H. | 100 | HRS | 77 | 0 |
| BIASED MOISTURE | 1306 | MAX16930ATLS/V+ | 130C, 85% R.H. | 100 | HRS | 60 | 0 |
| BIASED MOISTURE | 1307 | MAX14778ETP+ | 130C, 85% R.H. | 100 | HRS | 47 | 0 |
| BIASED MOISTURE | 1307 | MAX9272GTM/V+ | 130C, 85% R.H. | 100 | HRS | 48 | 0 |
| BIASED MOISTURE | 1308 | MAX9271GTJ/V+ | 130C, 85% R.H. | 96 | HRS | 80 | 0 |
| BIASED MOISTURE | 1308 | MAX11190ETE+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1308 | MAX11190ETE+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| HAST | 1310 | MAXQ610 | 130C, 85%R.H., 3.5V | 192 | HRS | 45 | 0 |
| HAST | 1310 | MAXQ610 | 130C, 85%R.H., 3.5V | 192 | HRS | 45 | 0 |
| HAST | 1310 | MAXQ610 | 130C, 85%R.H., 3.5V | 192 | HRS | 45 | 0 |
| HAST | 1310 | MAXQ610 | 130C, 85%R.H., 3.5V | 96 | HRS | 45 | 0 |
| BIASED MOISTURE | 1310 | MAX2181AETE/V+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1312 | MAX15301ETJ+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| BIASED MOISTURE | 1312 | MAX15301ETJ+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| BIASED MOISTURE | 1312 | MAX14778ETP+ | 130C, 85% R.H. | 100 | HRS | 33 | 0 |
| BIASED MOISTURE | 1314 | MAX15091ETI+ | 130C, 85% R.H. | 200 | HRS | 44 | 0 |

| | | | | | | | |
|-----------------|------|----------------------|----------------|-----|-----|----|---|
| BIASED MOISTURE | 1314 | MAX15091ETI+ | 130C, 85% R.H. | 200 | HRS | 44 | 0 |
| BIASED MOISTURE | 1314 | MAX15091ETI+ | 130C, 85% R.H. | 200 | HRS | 44 | 0 |
| BIASED MOISTURE | 1314 | MAX15091ETI+ | 130C, 85% R.H. | 100 | HRS | 36 | 0 |
| BIASED MOISTURE | 1315 | MAX2363ETM+ | 130C, 85% R.H. | 100 | HRS | 35 | 0 |
| BIASED MOISTURE | 1315 | MAX2363ETM+ | 130C, 85% R.H. | 100 | HRS | 35 | 0 |
| BIASED MOISTURE | 1315 | MAX2363ETM+ | 130C, 85% R.H. | 100 | HRS | 35 | 0 |
| BIASED MOISTURE | 1316 | MAX9280GTN/V+ | 130C, 85% R.H. | 100 | HRS | 34 | 0 |
| BIASED MOISTURE | 1316 | MAX9280GTN/V+ | 130C, 85% R.H. | 100 | HRS | 36 | 0 |
| BIASED MOISTURE | 1316 | MAX9280GTN/V+ | 130C, 85% R.H. | 100 | HRS | 33 | 0 |
| BIASED MOISTURE | 1316 | MAX2181AETE/V+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1316 | MAX9240GTM+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1316 | MAX9240GTM/V+ | 130C, 85% R.H. | 100 | HRS | 44 | 0 |
| BIASED MOISTURE | 1316 | MAX9240GTM/V+ | 130C, 85% R.H. | 100 | HRS | 36 | 0 |
| BIASED MOISTURE | 1317 | MAX98400AETX+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| BIASED MOISTURE | 1317 | MAX2180AETG+ | 130C, 85% R.H. | 200 | HRS | 80 | 0 |
| BIASED MOISTURE | 1317 | MAX2180AETG+ | 130C, 85% R.H. | 200 | HRS | 80 | 0 |
| BIASED MOISTURE | 1317 | MAX2180AETG+ | 130C, 85% R.H. | 200 | HRS | 79 | 0 |
| BIASED MOISTURE | 1317 | MAX2180AETG+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| BIASED MOISTURE | 1318 | MAX16936RATEA/V + | 130C, 85% R.H. | 100 | HRS | 77 | 0 |
| BIASED MOISTURE | 1318 | MAX16936RATEA/V + | 130C, 85% R.H. | 100 | HRS | 77 | 0 |
| BIASED MOISTURE | 1320 | MAX98400AETX+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| BIASED MOISTURE | 1323 | MAX16962RATEA/V + | 130C, 85% R.H. | 192 | HRS | 45 | 0 |
| BIASED MOISTURE | 1323 | MAX16962RATEA/V + | 130C, 85% R.H. | 192 | HRS | 45 | 0 |
| BIASED MOISTURE | 1323 | MAX16962RATEA/V + | 130C, 85% R.H. | 192 | HRS | 45 | 0 |
| BIASED MOISTURE | 1323 | MAX16962RATEA/V + | 130C, 85% R.H. | 192 | HRS | 44 | 0 |
| BIASED MOISTURE | 1323 | MAX16962RATEA/V + | 130C, 85% R.H. | 192 | HRS | 45 | 0 |
| BIASED MOISTURE | 1323 | MAX16962RATEA/V + | 130C, 85% R.H. | 192 | HRS | 45 | 0 |
| BIASED MOISTURE | 1323 | MAX16962RATEA/V + | 130C, 85% R.H. | 192 | HRS | 45 | 0 |
| BIASED MOISTURE | 1323 | MAX16962RATEA/V + | 130C, 85% R.H. | 192 | HRS | 45 | 0 |
| BIASED MOISTURE | 1324 | MAXEXP7ETE+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1325 | MAX9832ETG+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| BIASED MOISTURE | 1325 | MAXEXP7ETE+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| BIASED MOISTURE | 1326 | MAX1781ETM+ | 130C, 85% R.H. | 100 | HRS | 35 | 0 |
| BIASED MOISTURE | 1326 | MAX14629EETJ+ | 130C, 85% R.H. | 100 | HRS | 53 | 0 |
| BIASED MOISTURE | 1327 | MAX17491GTA+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |

| | | | | | | | |
|-----------------|------|-----------------|----------------|-----|-----|----|---|
| BIASED MOISTURE | 1327 | MAX98400AETX+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| BIASED MOISTURE | 1328 | MAX9832ETG+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| BIASED MOISTURE | 1328 | MAX2181AETE/V+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1328 | MAX2181ETE/V+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1328 | MAX16930ATLS/V+ | 130C, 85% R.H. | 96 | HRS | 33 | 0 |
| BIASED MOISTURE | 1329 | MAX9275GTN/V+ | 130C, 85% R.H. | 96 | HRS | 32 | 0 |
| BIASED MOISTURE | 1329 | MAX9275GTN/V+ | 130C, 85% R.H. | 100 | HRS | 48 | 0 |
| BIASED MOISTURE | 1329 | MAX9275GTN/V+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1329 | MAX9275GTN/V+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1329 | MAX9275GTN/V+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1330 | MAXEXP7ETE+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |
| BIASED MOISTURE | 1331 | MAX2181AETE/V+ | 130C, 85% R.H. | 100 | HRS | 48 | 0 |
| BIASED MOISTURE | 1334 | MAX9695AETM+ | 130C, 85% R.H. | 96 | HRS | 29 | 0 |
| BIASED MOISTURE | 1334 | MAX9695AETM+ | 130C, 85% R.H. | 96 | HRS | 29 | 0 |
| BIASED MOISTURE | 1334 | MAX17491GTA+T | 130C, 85% R.H. | 192 | HRS | 45 | 0 |
| BIASED MOISTURE | 1334 | MAX17491GTA+T | 130C, 85% R.H. | 192 | HRS | 45 | 0 |
| BIASED MOISTURE | 1334 | MAX17491GTA+T | 130C, 85% R.H. | 192 | HRS | 45 | 0 |
| BIASED MOISTURE | 1334 | MAX17491GTA+T | 130C, 85% R.H. | 96 | HRS | 45 | 0 |
| BIASED MOISTURE | 1336 | MAX17511GTL+ | 130C, 85% R.H. | 192 | HRS | 40 | 0 |
| BIASED MOISTURE | 1336 | MAX17511GTL+ | 130C, 85% R.H. | 96 | HRS | 40 | 0 |
| BIASED MOISTURE | 1336 | MAX17511GTL+ | 130C, 85% R.H. | 192 | HRS | 40 | 0 |
| BIASED MOISTURE | 1336 | MAX17511GTL+ | 130C, 85% R.H. | 192 | HRS | 40 | 0 |
| BIASED MOISTURE | 1337 | MAX15511GTL+ | 130C, 85% R.H. | 192 | HRS | 40 | 0 |
| BIASED MOISTURE | 1337 | MAX15511GTL+ | 130C, 85% R.H. | 192 | HRS | 39 | 1 |
| BIASED MOISTURE | 1337 | MAX15511GTL+ | 130C, 85% R.H. | 192 | HRS | 40 | 0 |
| BIASED MOISTURE | 1346 | MAX98950ETP+ | 130C, 85% R.H. | 100 | HRS | 72 | 0 |
| BIASED MOISTURE | 1346 | MAX17491GTA+ | 130C, 85% R.H. | 100 | HRS | 32 | 0 |

Total: 1

UNBIASED MOISTURE RESISTANCE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|---------------|-----------|--------------|----------------|-----------|----------|-------|-------|
| MOISTURE SOAK | 1227 | MAX17094ETM+ | 85 C/85% R.H. | 1000 | HRS | 36 | 0 |
| MOISTURE SOAK | 1227 | MAX17094ETM | 85 C/85% R.H. | 1000 | HRS | 36 | 0 |
| MOISTURE SOAK | 1227 | MAX17094ETM+ | 85 C/85% R.H. | 856 | HRS | 36 | 0 |
| MOISTURE SOAK | 1245 | MAX15511GTL+ | 130C, 85% R.H. | 500 | HRS | 78 | 0 |
| MOISTURE SOAK | 1245 | MAX15511GTL+ | 130C, 85% R.H. | 500 | HRS | 72 | 0 |
| MOISTURE SOAK | 1245 | MAX15511GTL+ | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1247 | MAX9688ETI+ | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1247 | MAX9688ETI+ | 130C, 85% R.H. | 500 | HRS | 80 | 0 |

| | | | | | | | |
|---------------|------|------------------------|----------------|------|-----|----|---|
| MOISTURE SOAK | 1247 | MAX9688ETI+ | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1247 | MAX9688ETI+ | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1248 | MAX17491GTA+T | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1248 | MAX17491GTA+T | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1302 | MAX9271GTJ/V+ | 130C, 85% R.H. | 96 | HRS | 80 | 0 |
| MOISTURE SOAK | 1302 | MAX9273GTL/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1302 | MAX9273GTL/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1305 | MAX16936RATE/V+ CEK | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1307 | MAX9272GTM/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1308 | MAX9271GTJ/V+ | 130C, 85% R.H. | 96 | HRS | 80 | 0 |
| MOISTURE SOAK | 1308 | MAX11190ETE+ | 85 C/85% R.H. | 1000 | HRS | 47 | 0 |
| MOISTURE SOAK | 1308 | MAX11190ETE+ | 85 C/85% R.H. | 500 | HRS | 23 | 0 |
| MOISTURE SOAK | 1308 | MAX11190ETE+ | 85 C/85% R.H. | 1000 | HRS | 24 | 0 |
| HAST, NO BIAS | 1310 | MAXQ610 | 130C, 85% R.H. | 500 | HRS | 77 | 0 |
| HAST, NO BIAS | 1310 | MAXQ610 | 130C, 85% R.H. | 500 | HRS | 77 | 0 |
| HAST, NO BIAS | 1310 | MAXQ610 | 130C, 85% R.H. | 500 | HRS | 77 | 0 |
| HAST, NO BIAS | 1310 | MAXQ610 | 130C, 85% R.H. | 500 | HRS | 77 | 0 |
| MOISTURE SOAK | 1314 | MAX15091ETI+ | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1314 | MAX15091ETI+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1314 | MAX15091ETI+ | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1314 | MAX15091ETI+ | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1314 | MAX15091ETI+ | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1314 | MAX15091ETI+ | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1316 | MAX9280GTN/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1316 | MAX2181AETE/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1316 | MAX9240GTM/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1316 | MAX9240GTM/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1316 | MAX9276GTN+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1317 | MAX2180AETG+ | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1317 | MAX2180AETG+ | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1317 | MAX2180AETG+ | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1318 | MAX16936RATEA/V + | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1318 | MAX16936RATEA/V + | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1323 | MAX16962RATEA/V + | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1323 | MAX16962RATEA/V + | 130C, 85% R.H. | 500 | HRS | 79 | 0 |
| MOISTURE SOAK | 1323 | MAX16962RATEA/V + | 130C, 85% R.H. | 500 | HRS | 80 | 0 |

| | | | | | | | |
|---------------|------|----------------------|----------------|-----|-----|----|----------|
| MOISTURE SOAK | 1323 | MAX16962RATEA/V + | 130C, 85% R.H. | 500 | HRS | 80 | 0 |
| MOISTURE SOAK | 1328 | MAX2181AETE/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1328 | MAX2181AETE/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1328 | MAX15023ETG+ | 130C, 85% R.H. | 96 | HRS | 99 | 0 |
| MOISTURE SOAK | 1329 | MAX9275GTN/V+ | 130C, 85% R.H. | 96 | HRS | 80 | 0 |
| MOISTURE SOAK | 1329 | MAX9275GTN/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1329 | MAX9275GTN/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1329 | MAX9275GTN/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1331 | MAX2181AETE/V+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1403 | MAX4811CTN+ | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| Total: | | | | | | | 0 |

Assembly Information:

Package Type: TQFN-EP (Pb-Free)
Date Code Range: 1320 to 1320

OPERATING LIFE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|-------------------|-----------|--------------|-------------------------------|-----------|----------|-------|----------|
| HIGH TEMP OP LIFE | 1320 | MAXQ1852 | 125C, 3.6V (PSA) & 5.5V (PSB) | 192 | HRS | 80 | 0 |
| Total: | | | | | | | 0 |

Assembly Information:

Package Type: uTQFN (Pb-Free)
Date Code Range: 1332 to 1332

OPERATING LIFE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|-------------------|-----------|--------------|-----------|-----------|----------|-------|----------|
| HIGH TEMP OP LIFE | 1332 | MAX14576EVB+ | 135°C | 192 | HRS | 80 | 0 |
| Total: | | | | | | | 0 |

FAILURE RATE: MTTF (YRS): 228311 FITS: 0.5