

4/17/2013



RELIABILITY MONITOR REPORT
FOR

WLP 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 KAOHSIUNG | 30 | WLP (Pb-Free) | ASE KAOHSIUNG | 100 WLP (Pb-Free) |
| ASE KAOHSIUNG | 117 | WLP (Pb-Free) | ASE KAOHSIUNG | 144 WLP (Pb-Free) |
| ASE KAOHSIUNG | 169 | WLP (Pb-Free) | ASE KAOHSIUNG | 225 WLP (Pb-Free) |
| CASIO MICRONIC | 9 | WLP (Pb-Free) | CASIO MICRONIC | 20 WLP (Pb-Free) |
| CASIO MICRONIC | 169 | WLP (Pb-Free) | Dallas | 25 WLP (Pb-Free) |
| Dallas WLP + Engen | 64 | WLP (Pb-Free) | Dallas WLP + MPO | 64 WLP (Pb-Free) |
| DALLAS-MAXFIL | 12 | Thin WLP (Pb-Free) | DALLAS-MAXFIL | 4 WLP (Pb-Free) |
| DALLAS-MAXFIL | 8 | WLP (Pb-Free) | DALLAS-MAXFIL | 9 WLP (Pb-Free) |
| DALLAS-MAXFIL | 12 | WLP (Pb-Free) | DALLAS-MAXFIL | 16 WLP (Pb-Free) |
| DALLAS-MAXFIL | 20 | WLP (Pb-Free) | DALLAS-MAXFIL | 25 WLP (Pb-Free) |
| DALLAS-MAXFIL | 40 | WLP (Pb-Free) | DALLAS-MAXFIL | 49 WLP (Pb-Free) |
| DALLAS-MAXFIL | 81 | WLP (Pb-Free) | DALLAS-MAXFIL | 100 WLP (Pb-Free) |
| DALLAS-MAXFIL | 144 | WLP (Pb-Free) | STATS-TAIWAN | 100 WLP (Pb-Free) |
| TERAMIKROS | 9 | WLP (Pb-Free) | TERAMIKROS | 12 WLP (Pb-Free) |
| TERAMIKROS | 20 | WLP (Pb-Free) | TERAMIKROS | 28 WLP (Pb-Free) |
| TERAMIKROS | 90 | WLP (Pb-Free) | TERAMIKROS | 210 WLP (Pb-Free) |
| TERAMIKROS | 225 | WLP (Pb-Free) | | |

The calculated failure rate for this assembly is:

FAILURE RATE: MTTF (YRS): 27582 FITS: 4.1

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 4/1/2012 and 3/31/2013.

Assembly Information:

Package Type: Thin WLP (Pb-Free)

Date Code Range: 1222 to 1222

TEMPERATURE CYCLE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|---------------------------------|-----------|----------------|---------------|-----------|----------|----------|-------|
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1222 | MAX14522AEZC+T | -40C TO +125C | 1000 CYS | 77 | 0 | |
| Total: | | | | | | 0 | |

Assembly Information:

Package Type: WLP (Pb-Free)

Date Code Range: 1209 to N/A

OPERATING LIFE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|-------------------|-----------|--------------|-----------|-----------|----------|-------|-------|
| HIGH TEMP OP LIFE | | MAX8997EWW+T | 135°C | 1000 HRS | 48 | 0 | |
| HIGH TEMP OP LIFE | 1145 | MAX9699EWL+ | 135°C | 240 HRS | 48 | 0 | |

| | | | | | | | |
|-------------------|------|---------------------|-------------------------------|------|-----|-----|---|
| HIGH TEMP OP LIFE | 1204 | MAX8983EWE+CAW | 135°C | 500 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1206 | MAX8957BEWI+T | 135°C | 192 | HRS | 46 | 0 |
| HIGH TEMP OP LIFE | 1206 | MAX77100EWL+T | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1207 | MAX44281OANS+ | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1207 | MAX44281OANS+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1210 | MAX77693EWQ+T | 135°C | 192 | HRS | 47 | 0 |
| HIGH TEMP OP LIFE | 1215 | MAX77686EWE+ | 135°C | 1000 | HRS | 45 | 0 |
| HIGH TEMP OP LIFE | 1216 | MAX77387EWP+ | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1218 | MAX9699EWL+T | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1221 | MAX98355AEWL+T | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1221 | MAX15515GWP+ | 135°C | 192 | HRS | 77 | 0 |
| HIGH TEMP OP LIFE | 1222 | MAX77387EWP+T | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1222 | MAX98096EWF+ | 135°C | 1000 | HRS | 47 | 0 |
| HIGH TEMP OP LIFE | 1223 | MAXQ1011 | 125C, 5.5V (PS1) & 3.6V (PS2) | 1000 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1226 | MAX77611EWJ+T | 135°C | 192 | HRS | 47 | 0 |
| HIGH TEMP OP LIFE | 1226 | MAX9606EWL+T | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1228 | MAX8983EWE+CAW | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1228 | MAX8975QEWC+ | 135°C | 1000 | HRS | 49 | 0 |
| HIGH TEMP OP LIFE | 1233 | MAX14650ESE+ | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1233 | MAX15090EWI+T | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1233 | MAX15090EWI+T | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1233 | MAX15090EWI+T | 135°C | 192 | HRS | 32 | 0 |
| HIGH TEMP OP LIFE | 1233 | MAX14650ESE+ | 135°C | 192 | HRS | 32 | 0 |
| HIGH TEMP OP LIFE | 1233 | MAX8975QEWC+ | 135°C | 1000 | HRS | 79 | 1 |
| HIGH TEMP OP LIFE | 1237 | MAX98090AEWJ+T | 135°C | 192 | HRS | 50 | 0 |
| HIGH TEMP OP LIFE | 1237 | MAX8975QEWC+ | 135°C | 384 | HRS | 119 | 0 |
| HIGH TEMP OP LIFE | 1239 | MAX77179EWC+T | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1239 | MAX8975QEWC+ | 135°C | 384 | HRS | 120 | 0 |
| HIGH TEMP OP LIFE | 1240 | MAX77609EWJ+ | 135°C | 240 | HRS | 50 | 0 |
| HIGH TEMP OP LIFE | 1240 | MAX8975QEWC+ | 135°C | 1000 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1241 | MAX98711EWV+T | 135°C | 312 | HRS | 77 | 1 |
| HIGH TEMP OP LIFE | 1241 | MAX8967EWV+T | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1241 | MAX14648ETI+ | 135°C | 192 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1243 | MAX9606BEWL+T | 135°C | 192 | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1245 | MAX9606EWL+T | 135°C | 192 | HRS | 48 | 1 |
| HIGH TEMP OP LIFE | 1248 | MAX77231EZL+T | 135°C | 240 | HRS | 80 | 1 |
| HIGH TEMP OP LIFE | 1249 | MAX8983EWE+TCA W | 135°C | 1000 | HRS | 47 | 0 |
| HIGH TEMP OP LIFE | 1252 | MAX77802EWW+T | 135°C | 192 | HRS | 45 | 0 |
| HIGH TEMP OP LIFE | 1303 | MAX77693EWQ+T | 135°C | 192 | HRS | 47 | 0 |
| HIGH TEMP OP LIFE | 1303 | MAX8959EWG+T | 135°C | 192 | HRS | 48 | 0 |

| | | | | | | |
|-------------------|-----|---------------|-------|----------|----|----------|
| HIGH TEMP OP LIFE | N/A | MAX14596EZA+T | 135°C | 1000 HRS | 44 | 0 |
| Total: | | | | | | 4 |

STORAGE LIFE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|---------------|-----------|---------------|-----------|-----------|----------|----------|-------|
| STORAGE LIFE | 1209 | MAXQ614 | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | 1210 | MAXQ614 | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | 1210 | MAXQ614 | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | 1223 | MAXQ1011 | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | 1223 | MAXQ1011 | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | 1223 | MAXQ1011 | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | 1223 | MAXQ1011 | 150°C | 1000 HRS | 73 | 0 | |
| STORAGE LIFE | 1223 | MAXQ1011 | 150°C | 1000 HRS | 73 | 0 | |
| STORAGE LIFE | 1223 | MAXQ1011 | 150°C | 1000 HRS | 73 | 0 | |
| STORAGE LIFE | 1228 | MAX8975QEWC+ | 150°C | 1000 HRS | 80 | 0 | |
| STORAGE LIFE | 1229 | MAX8997EWW+T | 150°C | 500 HRS | 77 | 1 | |
| STORAGE LIFE | 1229 | MAX8997EWW+T | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | 1229 | MAX8997EWW+T | 150°C | 500 HRS | 77 | 1 | |
| STORAGE LIFE | 1233 | MAX8975QEWC+ | 150°C | 1000 HRS | 80 | 0 | |
| STORAGE LIFE | 1240 | MAX8975QEWC+ | 150°C | 1000 HRS | 80 | 0 | |
| STORAGE LIFE | 1241 | MAX98711EWW+T | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | 1250 | MAX15515GWP+ | 150°C | 500 HRS | 80 | 0 | |
| STORAGE LIFE | N/A | MAX8957TEWI+T | 150°C | 1000 HRS | 68 | 1 | |
| STORAGE LIFE | N/A | MAX8957TEWI+T | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | N/A | MAX8957TEWI+T | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | N/A | MAX77686EWE+ | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | N/A | MAX77686EWE+ | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | N/A | MAX77686EWE+ | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | N/A | MAX77686EWE+ | 150°C | 500 HRS | 77 | 0 | |
| STORAGE LIFE | N/A | MAX14596EZA+T | 150°C | 1000 HRS | 76 | 0 | |
| STORAGE LIFE | N/A | MAX14596EZA+T | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | N/A | MAX14596EZA+T | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | N/A | MAX98711EWW+T | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | N/A | MAX77686EWE+ | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | N/A | MAX77686EWE+ | 150°C | 1000 HRS | 77 | 0 | |
| STORAGE LIFE | N/A | MAX77686EWE+ | 150°C | 1000 HRS | 77 | 0 | |
| Total: | | | | | | 3 | |

TEMPERATURE CYCLE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|-------------|-----------|--------------|-----------|-----------|----------|-------|-------|
|-------------|-----------|--------------|-----------|-----------|----------|-------|-------|

| | | | | | | | |
|---------------------------------|------|----------------|---------------|------|-----|-----|---|
| TEMP CYCLE, 15' RAMP, 15' DWELL | | MAX98304CEWL+ | -40C TO +125C | 500 | CYS | 100 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | | MAX98304CEWL+ | -40C TO +125C | 500 | CYS | 100 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | | MAX98304CEWL+ | -40C TO +125C | 500 | CYS | 97 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | | MAX98304CEWL+ | -40C TO +125C | 500 | CYS | 100 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | | MAX8957TEWI+T | -40C TO +125C | 410 | CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | | MAX8957TEWI+T | -40C TO +125C | 410 | CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | | MAX8957TEWI+T | -40C TO +125C | 500 | CYS | 77 | 1 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | | MAX8957TEWI+T | -40C TO +125C | 410 | CYS | 77 | 1 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | | MAX77693EWQ+ | -40C TO +125C | 500 | CYS | 330 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1209 | MAXQ614 | -40C TO +125C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1209 | MAXQ614 | -40C TO +125C | 134 | CYS | 77 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1210 | MAXQ614 | -40C TO +125C | 134 | CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1210 | MAXQ614 | -40C TO +125C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL | 1210 | MAXQ614 | -40C TO +125C | 134 | CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1210 | MAXQ614 | -40C TO +125C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1216 | MAXQ614 | -40C TO +125C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1216 | MAXQ614 | -40C TO +125C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1216 | MAXQ614 | -40C TO +125C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1222 | MAX14522AEZC+T | -40C TO +125C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1222 | MAX14522AEZC+T | -40C TO +125C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1223 | MAXQ1011 | -40C TO +125C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1223 | MAXQ1011 | -40C TO +125C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1223 | MAXQ1011 | -40C TO +125C | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1223 | MAXQ1011 | -40C TO +125C | 1000 | CYS | 74 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1223 | MAXQ1011 | -40C TO +125C | 1000 | CYS | 74 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1223 | MAXQ1011 | -40C TO +125C | 1000 | CYS | 74 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1228 | MAX8975QEWC+ | -40C TO +125C | 1000 | CYS | 80 | 0 |

| | | | | | | |
|------------------------------------|------|---------------|---------------|----------|-----|---|
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1233 | MAX8975QEW+ | -40C TO +125C | 1000 CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1237 | MAX8975QEW+ | -40C TO +125C | 1000 CYS | 160 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1238 | MAX15515GWP+ | -40C TO +125C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1239 | MAX8975QEW+ | -40C TO +125C | 1000 CYS | 160 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1240 | MAX8975QEW+ | -40C TO +125C | 1000 CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1241 | MAX77609EWJ+T | -40C TO +125C | 500 CYS | 77 | 1 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1250 | MAX15515GWP+ | -40C TO +125C | 500 CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX8957EWI+T | -40C TO +125C | 500 CYS | 77 | 1 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX8957TEWI+T | -40C TO +125C | 500 CYS | 73 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX8957TEWI+T | -40C TO +125C | 500 CYS | 76 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX77686EWE+ | -40C TO +125C | 250 CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX77686EWE+ | -40C TO +125C | 500 CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX77686EWE+ | -40C TO +125C | 500 CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX77686EWE+ | -40C TO +125C | 250 CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX77686EWE+ | -40C TO +125C | 500 CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX14596EZA+T | -40C TO +125C | 1000 CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX14596EZA+T | -40C TO +125C | 1000 CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX14596EZA+T | -40C TO +125C | 1000 CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX77686EWE+ | -40C TO +125C | 500 CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX77686EWE+ | -40C TO +125C | 500 CYS | 77 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | N/A | MAX77686EWE+ | -40C TO +125C | 500 CYS | 77 | 0 |

Total: 4

UNBIASED MOISTURE RESISTANCE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|---------------|-----------|--------------|----------------|-----------|----------|-------|-------|
| HAST, NO BIAS | 1209 | MAXQ614 | 110C, 85% R.H. | 264 HRS | 77 | 0 | |
| HAST, NO BIAS | 1210 | MAXQ614 | 110C, 85% R.H. | 264 HRS | 77 | 0 | |
| HAST, NO BIAS | 1210 | MAXQ614 | 110C, 85% R.H. | 264 HRS | 77 | 0 | |
| HAST, NO BIAS | 1223 | MAXQ1011 | 110C, 85% R.H. | 264 HRS | 77 | 0 | |
| HAST, NO BIAS | 1223 | MAXQ1011 | 110C, 85% R.H. | 264 HRS | 77 | 0 | |

| | | | | | | | |
|---------------|------|---------------|----------------|------|-----|----|---|
| HAST, NO BIAS | 1223 | MAXQ1011 | 110C, 85% R.H. | 264 | HRS | 77 | 0 |
| HAST, NO BIAS | 1223 | MAXQ1011 | 110C, 85% R.H. | 264 | HRS | 73 | 0 |
| HAST, NO BIAS | 1223 | MAXQ1011 | 110C, 85% R.H. | 264 | HRS | 73 | 0 |
| HAST, NO BIAS | 1223 | MAXQ1011 | 110C, 85% R.H. | 264 | HRS | 73 | 0 |
| MOISTURE SOAK | N/A | MAX15108EWP+ | 85 C/85% R.H. | 1000 | HRS | 44 | 1 |
| MOISTURE SOAK | N/A | MAX15108EWP+ | 85 C/85% R.H. | 1000 | HRS | 43 | 0 |
| MOISTURE SOAK | N/A | MAX15108EWP+ | 85 C/85% R.H. | 1000 | HRS | 45 | 0 |
| MOISTURE SOAK | N/A | MAX98711EWV+T | 85 C/85% R.H. | 168 | HRS | 76 | 0 |
| MOISTURE SOAK | N/A | MAX98711EWV+T | 85 C/85% R.H. | 264 | HRS | 77 | 0 |
| MOISTURE SOAK | N/A | MAX98711EWV+T | 130C, 85% R.H. | 100 | HRS | 77 | 0 |
| MOISTURE SOAK | N/A | MAX98711EWV+T | 85 C/85% R.H. | 168 | HRS | 77 | 1 |

Total: 2

FAILURE RATE: MTTF (YRS): 27582 FITS: 4.1