

ZIPPY TECHNOLOGY CORP.
10F.,No.50,MINQUAN RD.,
XINDIAN DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.

RELIABILITY PREDICTION STANDARD REPORT
(Sorted by Part Number)
MIL-HDBK-217F, Notice 2

Date : SEP-07-2016 Time : 15:12:28
End Item Title : H1U SERIES MTBF
End Item Part Number : H1U-5300V(RoHS)
H1U-5300V(RoHS) MTBF : 203,075
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : H1U / MTBF
Module Reference Designation : H1U
Environmental Condition : GB
Ambient Temperature: 30°C

H1U-5300V(RoHS)

| ITEM # | Part Number | Ref Desig | Qual Level | Quant | Individual Failure Rate (F/10 ⁶ Hrs) | Total Failure Rate (F/10 ⁶ Hrs) |
|--------|-------------|-----------|------------|-------|---|--|
| 1 | B102560002 | BOM | SPECIAL | 1 | 0.214175 | 0.214175 |
| 2 | B102560003 | BOM | SPECIAL | 1 | 0.306187 | 0.306187 |
| 3 | B102560004 | BOM | SPECIAL | 1 | 0.571989 | 0.571989 |
| 4 | B200000001 | BOM | NMIL | 1 | 0.029860 | 0.029860 |
| 5 | B200000105 | BOM | NMIL | 1 | 0.030161 | 0.030161 |
| 6 | B200000242 | BOM | NMIL | 1 | 0.029346 | 0.029346 |
| 7 | B200000272 | BOM | NMIL | 1 | 0.030234 | 0.030234 |
| 8 | B200010002 | BOM | NMIL | 2 | 0.030223 | 0.060446 |
| 9 | B200010022 | BOM | NMIL | 1 | 0.000438 | 0.000438 |
| 10 | B200010056 | BOM | NMIL | 2 | 0.000312 | 0.000624 |
| 11 | B200010141 | BOM | NMIL | 2 | 0.030223 | 0.060446 |
| 12 | B200010192 | BOM | NMIL | 1 | 0.008827 | 0.008827 |
| 13 | B200020001 | BOM | NMIL | 2 | 0.006751 | 0.013502 |
| 14 | B200020013 | BOM | NMIL | 1 | 0.006751 | 0.006751 |
| 15 | B200020024 | BOM | NMIL | 5 | 0.005156 | 0.025780 |
| 16 | B200030069 | BOM | NMIL | 4 | 0.007617 | 0.030468 |
| 17 | B200040029 | BOM | NMIL | 1 | 0.011290 | 0.011290 |
| 18 | B200040033 | BOM | NMIL | 1 | 0.002929 | 0.002929 |
| 19 | B200050026 | BOM | NMIL | 1 | 0.004016 | 0.004016 |
| 20 | B200050031 | BOM | NMIL | 1 | 0.005992 | 0.005992 |
| 21 | B200050037 | BOM | NMIL | 2 | 0.005218 | 0.010436 |
| 22 | B200050044 | BOM | NMIL | 2 | 0.005992 | 0.011984 |
| 23 | B200050054 | BOM | NMIL | 1 | 0.032236 | 0.032236 |
| 24 | B200060007 | BOM | NMIL | 1 | 0.015013 | 0.015013 |

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|----|------------|-----|------|---|----------|----------|
| 25 | B200110001 | BOM | NMIL | 1 | 0.002925 | 0.002925 |
| 26 | B200110035 | BOM | NMIL | 1 | 0.002925 | 0.002925 |
| 27 | B200110046 | BOM | NMIL | 2 | 0.002925 | 0.005850 |
| 28 | B200110054 | BOM | NMIL | 1 | 0.003086 | 0.003086 |
| 29 | B200110073 | BOM | NMIL | 2 | 0.003086 | 0.006172 |
| 30 | B200110095 | BOM | NMIL | 2 | 0.002925 | 0.005850 |
| 31 | B200110119 | BOM | NMIL | 1 | 0.001910 | 0.001910 |
| 32 | B200110120 | BOM | NMIL | 1 | 0.002925 | 0.002925 |
| 33 | B200110126 | BOM | NMIL | 1 | 0.002031 | 0.002031 |
| 34 | B200110149 | BOM | NMIL | 2 | 0.002925 | 0.005850 |
| 35 | B200110156 | BOM | NMIL | 2 | 0.002925 | 0.005850 |
| 36 | B200110172 | BOM | NMIL | 1 | 0.002925 | 0.002925 |
| 37 | B200110203 | BOM | NMIL | 2 | 0.002925 | 0.005850 |
| 38 | B200110217 | BOM | NMIL | 2 | 0.002925 | 0.005850 |
| 39 | B200110235 | BOM | NMIL | 1 | 0.002925 | 0.002925 |
| 40 | B200110237 | BOM | NMIL | 1 | 0.001109 | 0.001109 |
| 41 | B200110238 | BOM | NMIL | 2 | 0.003086 | 0.006172 |
| 42 | B200110276 | BOM | NMIL | 2 | 0.002925 | 0.005850 |
| 43 | B200110282 | BOM | NMIL | 2 | 0.002925 | 0.005850 |
| 44 | B200110302 | BOM | NMIL | 2 | 0.002031 | 0.004062 |
| 45 | B200110317 | BOM | NMIL | 4 | 0.002925 | 0.011700 |
| 46 | B200110327 | BOM | NMIL | 4 | 0.002925 | 0.011700 |
| 47 | B200110337 | BOM | NMIL | 2 | 0.003086 | 0.006172 |
| 48 | B200110422 | BOM | NMIL | 1 | 0.002925 | 0.002925 |
| 49 | B200120111 | BOM | NMIL | 1 | 0.007016 | 0.007016 |
| 50 | B200120119 | BOM | NMIL | 1 | 0.007016 | 0.007016 |
| 51 | B200120160 | BOM | NMIL | 1 | 0.007016 | 0.007016 |
| 52 | B200150015 | BOM | NMIL | 1 | 0.054544 | 0.054544 |
| 53 | B200160027 | BOM | NMIL | 1 | 0.065000 | 0.065000 |
| 54 | B200180015 | BOM | NMIL | 1 | 0.003040 | 0.003040 |
| 55 | B200180018 | BOM | NMIL | 1 | 0.003177 | 0.003177 |
| 56 | B200180074 | BOM | NMIL | 1 | 0.003177 | 0.003177 |
| 57 | B200190022 | BOM | NMIL | 1 | 0.015889 | 0.015889 |
| 58 | B200200021 | BOM | NMIL | 5 | 0.012200 | 0.061000 |
| 59 | B200200053 | BOM | NMIL | 2 | 0.011143 | 0.022286 |
| 60 | B200200068 | BOM | NMIL | 1 | 0.004864 | 0.004864 |
| 61 | B200200083 | BOM | NMIL | 1 | 0.005325 | 0.005325 |
| 62 | B200200094 | BOM | NMIL | 1 | 0.005854 | 0.005854 |
| 63 | B200200100 | BOM | NMIL | 1 | 0.017678 | 0.017678 |
| 64 | B200200156 | BOM | NMIL | 4 | 0.009254 | 0.037016 |
| 65 | B200210007 | BOM | NMIL | 1 | 0.026125 | 0.026125 |
| 66 | B200220036 | BOM | NMIL | 3 | 0.018637 | 0.055911 |
| 67 | B200230036 | BOM | NMIL | 2 | 0.031610 | 0.063220 |
| 68 | B200230198 | BOM | NMIL | 4 | 0.026543 | 0.106172 |

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|----|------------|-----|---------|---|----------|----------|
| 69 | B200230210 | BOM | NMIL | 1 | 0.023031 | 0.023031 |
| 70 | B200230228 | BOM | NMIL | 1 | 0.105609 | 0.105609 |
| 71 | B200230275 | BOM | NMIL | 1 | 0.005007 | 0.005007 |
| 72 | B200230277 | BOM | NMIL | 1 | 0.007133 | 0.007133 |
| 73 | B200250009 | BOM | NMIL | 1 | 0.012578 | 0.012578 |
| 74 | B200250016 | BOM | NMIL | 2 | 0.018952 | 0.037904 |
| 75 | B200260208 | BOM | NMIL | 2 | 0.020490 | 0.040980 |
| 76 | B200260226 | BOM | NMIL | 1 | 0.020490 | 0.020490 |
| 77 | B200260227 | BOM | NMIL | 1 | 0.018040 | 0.018040 |
| 78 | B200280012 | BOM | NMIL | 2 | 0.011440 | 0.022880 |
| 79 | B200290005 | BOM | NMIL | 1 | 0.013740 | 0.013740 |
| 80 | B200300056 | BOM | NMIL | 1 | 0.003952 | 0.003952 |
| 81 | B200300239 | BOM | NMIL | 1 | 0.030060 | 0.030060 |
| 82 | B200300240 | BOM | NMIL | 1 | 0.004909 | 0.004909 |
| 83 | B200310007 | BOM | NMIL | 1 | 0.028144 | 0.028144 |
| 84 | B200370003 | BOM | NMIL | 1 | 0.000962 | 0.000962 |
| 85 | B200370038 | BOM | NMIL | 1 | 0.009216 | 0.009216 |
| 86 | B210010020 | BOM | NMIL | 1 | 0.026473 | 0.026473 |
| 87 | B210060137 | BOM | NMIL | 1 | 0.034577 | 0.034577 |
| 88 | B210090093 | BOM | SPECIAL | 1 | 2.247292 | 2.247292 |
| 89 | B210160004 | BOM | NMIL | 1 | 0.010000 | 0.010000 |
| 90 | B210160035 | BOM | NMIL | 1 | 0.010000 | 0.010000 |
| 91 | B210191278 | BOM | NMIL | 1 | 0.008389 | 0.008389 |

Total Failure Rate (F/10⁶Hrs) : 4.924286
 Mean Time (in hours) Between Failures (MTBF) : **203,075**