

ZIPPY TECHNOLOGY CORP  
10F,No.50,MIN CHYUAN RD  
SHIN-TIEN,TAIPEI HSIEN,TAIWAN,R.O.C.

|                                         |                                        |                             |              |              |                     |                     |
|-----------------------------------------|----------------------------------------|-----------------------------|--------------|--------------|---------------------|---------------------|
|                                         | RELIABILITY PREDICTION STANDARD REPORT |                             |              |              |                     |                     |
|                                         |                                        | (Sorted by Part Number)     |              |              |                     |                     |
|                                         |                                        | MIL - HDBK - 217F, Notice 2 |              |              |                     |                     |
|                                         |                                        |                             |              |              |                     |                     |
| Date : DEC-16-2009      Time : 14:22:52 |                                        |                             |              |              |                     |                     |
| End Item Title : P1P SERIES MTBF        |                                        |                             |              |              |                     |                     |
| End Item Part Number : P1P-5401V (RoHS) |                                        |                             |              |              |                     |                     |
| Module Title : ZIPPY TECHNOLOGY CORP    |                                        |                             |              |              |                     |                     |
| Module Part Number : P1P/MTBF           |                                        |                             |              |              |                     |                     |
| Module Reference Designation : P1P      |                                        |                             |              |              |                     |                     |
| Environmental Condition : GB            |                                        |                             |              |              |                     |                     |
| Ambient Temperature: 25°C               |                                        |                             |              |              |                     |                     |
|                                         |                                        |                             |              |              |                     |                     |
| <b><u>P1P-5401V (RoHS)</u></b>          |                                        |                             |              |              |                     |                     |
|                                         |                                        |                             |              |              |                     |                     |
| <b>ITEM</b>                             | <b>Part</b>                            | <b>Ref</b>                  | <b>Qual</b>  | <b>Quant</b> | <b>Individual</b>   | <b>Total</b>        |
| <b>#</b>                                | <b>Number</b>                          | <b>Desig</b>                | <b>Level</b> |              | <b>Failure Rate</b> | <b>Failure Rate</b> |
|                                         |                                        |                             |              |              | <b>(F/10^6Hrs)</b>  | <b>(F/10^6Hrs)</b>  |
| 1                                       | B102570008                             | BOM                         | NMIL         | 1            | 0.134918            | 0.134918            |
| 2                                       | B103010002                             | BOM                         | NMIL         | 1            | 0.220943            | 0.220943            |
| 3                                       | B103010003                             | BOM                         | NMIL         | 1            | 0.029568            | 0.029568            |
| 4                                       | B103010004                             | BOM                         | NMIL         | 1            | 0.160183            | 0.160183            |
| 5                                       | B200000001                             | BOM                         | SPECIAL      | 3            | 0.094935            | 0.284805            |
| 6                                       | B200000242                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 7                                       | B200000272                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 8                                       | B200000276                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 9                                       | B200010057                             | BOM                         | NMIL         | 4            | 0.031398            | 0.125592            |
| 10                                      | B200010091                             | BOM                         | NMIL         | 1            | 0.000798            | 0.000798            |
| 11                                      | B200020004                             | BOM                         | NMIL         | 5            | 0.005156            | 0.025780            |
| 12                                      | B200030018                             | BOM                         | NMIL         | 4            | 0.007617            | 0.030468            |
| 13                                      | B200040029                             | BOM                         | NMIL         | 1            | 0.005967            | 0.005967            |
| 14                                      | B200050035                             | BOM                         | NMIL         | 1            | 0.005218            | 0.005218            |
| 15                                      | B200050036                             | BOM                         | NMIL         | 1            | 0.005218            | 0.005218            |
| 16                                      | B200050039                             | BOM                         | NMIL         | 1            | 0.005218            | 0.005218            |
| 17                                      | B200050044                             | BOM                         | NMIL         | 3            | 0.005218            | 0.015654            |
| 18                                      | B200050054                             | BOM                         | NMIL         | 1            | 0.088813            | 0.088813            |
| 19                                      | B200060010                             | BOM                         | NMIL         | 1            | 0.014607            | 0.014607            |
| 20                                      | B200110001                             | BOM                         | NMIL         | 1            | 0.004650            | 0.004650            |
| 21                                      | B200110035                             | BOM                         | NMIL         | 1            | 0.004650            | 0.004650            |

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|    |            |     |      |   |          |          |
|----|------------|-----|------|---|----------|----------|
| 22 | B200110046 | BOM | NMIL | 2 | 0.004650 | 0.009300 |
| 23 | B200110073 | BOM | NMIL | 2 | 0.005115 | 0.010230 |
| 24 | B200110087 | BOM | NMIL | 3 | 0.004650 | 0.013950 |
| 25 | B200110120 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 26 | B200110192 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 27 | B200110235 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 28 | B200110259 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 29 | B200110282 | BOM | NMIL | 4 | 0.004650 | 0.018600 |
| 30 | B200110311 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 31 | B200110396 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 32 | B200110491 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 33 | B200110494 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 34 | B200110498 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 35 | B200110503 | BOM | NMIL | 1 | 0.005115 | 0.005115 |
| 36 | B200110512 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 37 | B200110520 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 38 | B200110523 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 39 | B200110524 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 40 | B200110543 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 41 | B200110550 | BOM | NMIL | 2 | 0.004650 | 0.009300 |
| 42 | B200110561 | BOM | NMIL | 5 | 0.004650 | 0.023250 |
| 43 | B200110588 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 44 | B200110598 | BOM | NMIL | 2 | 0.004650 | 0.009300 |
| 45 | B200120015 | BOM | NMIL | 2 | 0.008509 | 0.017018 |
| 46 | B200120099 | BOM | NMIL | 1 | 0.007735 | 0.007735 |
| 47 | B200120156 | BOM | NMIL | 1 | 0.006870 | 0.006870 |
| 48 | B200160022 | BOM | NMIL | 1 | 0.065000 | 0.065000 |
| 49 | B200170013 | BOM | NMIL | 2 | 0.005940 | 0.011880 |
| 50 | B200170026 | BOM | NMIL | 2 | 0.013070 | 0.026140 |
| 51 | B200180016 | BOM | N/A  | 1 | 0.008923 | 0.008923 |
| 52 | B200190035 | BOM | N/A  | 1 | 0.015889 | 0.015889 |
| 53 | B200200012 | BOM | N/A  | 1 | 0.009203 | 0.009203 |
| 54 | B200200017 | BOM | N/A  | 5 | 0.011856 | 0.059280 |
| 55 | B200200061 | BOM | N/A  | 4 | 0.008470 | 0.033880 |
| 56 | B200200069 | BOM | N/A  | 1 | 0.006575 | 0.006575 |
| 57 | B200220018 | BOM | N/A  | 3 | 0.002416 | 0.007248 |
| 58 | B200220021 | BOM | N/A  | 1 | 0.002337 | 0.002337 |
| 59 | B200230123 | BOM | N/A  | 1 | 0.062617 | 0.062617 |
| 60 | B200230198 | BOM | N/A  | 1 | 0.058210 | 0.058210 |
| 61 | B200230210 | BOM | N/A  | 6 | 0.050508 | 0.303048 |

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|----|------------|------------------------------------------------|----------------------------------|---|----------|----------|
| 62 | B200230313 | BOM                                            | N/A                              | 1 | 0.167220 | 0.167220 |
| 63 | B200230338 | BOM                                            | N/A                              | 4 | 0.029130 | 0.116520 |
| 64 | B200250001 | BOM                                            | NMIL                             | 1 | 0.082858 | 0.082858 |
| 65 | B200250016 | BOM                                            | NMIL                             | 3 | 0.082858 | 0.248574 |
| 66 | B200250021 | BOM                                            | NMIL                             | 1 | 0.082858 | 0.082858 |
| 67 | B200260253 | BOM                                            | NMIL                             | 1 | 0.043960 | 0.043960 |
| 68 | B200260254 | BOM                                            | NMIL                             | 1 | 0.043960 | 0.043960 |
| 69 | B200260255 | BOM                                            | NMIL                             | 1 | 0.043960 | 0.043960 |
| 70 | B200280002 | BOM                                            | NMIL                             | 1 | 0.015958 | 0.015958 |
| 71 | B200300236 | BOM                                            | NMIL                             | 1 | 0.003845 | 0.003845 |
| 72 | B200300267 | BOM                                            | NMIL                             | 1 | 0.003845 | 0.003845 |
| 73 | B200300270 | BOM                                            | NMIL                             | 1 | 0.026144 | 0.026144 |
| 74 | B200310007 | BOM                                            | NMIL                             | 1 | 0.030600 | 0.030600 |
| 75 | B210090122 | BOM                                            | KNOWNFR                          | 1 | 2.134055 | 2.134055 |
| 76 | B210160006 | BOM                                            | N/A                              | 1 | 0.010000 | 0.010000 |
| 77 | B210190825 | N/A                                            | STANDARD                         | 1 | 0.022077 | 0.022077 |
|    |            |                                                |                                  |   |          |          |
|    |            |                                                |                                  |   |          |          |
|    |            |                                                | Total Failure Rate (F/10^6Hrs) : |   |          | 5.394936 |
|    |            | Mean Time (in hours) Between Failures (MTBF) : |                                  |   |          | 185,359  |