

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 : MAR-24-2010      Time : 09:49:52 |                                        |                             |              |              |                     |                     |
| End Item Title : P1W SERIES MTBF        |                                        |                             |              |              |                     |                     |
| End Item Part Number : P1W-6520P (RoHS) |                                        |                             |              |              |                     |                     |
| Module Title : ZIPPY TECHNOLOGY CORP    |                                        |                             |              |              |                     |                     |
| Module Part Number : P1W/MTBF           |                                        |                             |              |              |                     |                     |
| Module Reference Designation : P1W      |                                        |                             |              |              |                     |                     |
| Environmental Condition : GB            |                                        |                             |              |              |                     |                     |
| Ambient Temperature: 25°C               |                                        |                             |              |              |                     |                     |
|                                         |                                        |                             |              |              |                     |                     |
| <b><u>P1W-6520P (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                                       | B100170001                             | BOM                         | NMIL         | 1            | 0.160374            | 0.160374            |
| 2                                       | B100840001                             | BOM                         | NMIL         | 1            | 0.065162            | 0.065162            |
| 3                                       | B100840002                             | BOM                         | NMIL         | 1            | 0.209841            | 0.209841            |
| 4                                       | B200000001                             | BOM                         | SPECIAL      | 3            | 0.094935            | 0.284805            |
| 5                                       | B200000080                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 6                                       | B200000085                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 7                                       | B200000131                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 8                                       | B200000177                             | BOM                         | SPECIAL      | 1            | 0.095694            | 0.095694            |
| 9                                       | B200000207                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 10                                      | B200010033                             | BOM                         | NMIL         | 2            | 0.031649            | 0.063298            |
| 11                                      | B200010057                             | BOM                         | NMIL         | 4            | 0.031649            | 0.126596            |
| 12                                      | B200020003                             | BOM                         | NMIL         | 2            | 0.005156            | 0.010312            |
| 13                                      | B200020004                             | BOM                         | NMIL         | 1            | 0.005156            | 0.005156            |
| 14                                      | B200020015                             | BOM                         | NMIL         | 1            | 0.006751            | 0.006751            |
| 15                                      | B200020019                             | BOM                         | NMIL         | 2            | 0.006751            | 0.013502            |
| 16                                      | B200030018                             | BOM                         | NMIL         | 2            | 0.007617            | 0.015234            |
| 17                                      | B200040006                             | BOM                         | NMIL         | 1            | 0.007972            | 0.007972            |
| 18                                      | B200040007                             | BOM                         | NMIL         | 1            | 0.016240            | 0.016240            |
| 19                                      | B200040012                             | BOM                         | NMIL         | 2            | 0.005967            | 0.011934            |
| 20                                      | B200040018                             | BOM                         | NMIL         | 1            | 0.016240            | 0.016240            |
| 21                                      | B200040028                             | BOM                         | NMIL         | 1            | 0.005967            | 0.005967            |

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|    |            |     |      |    |          |          |
|----|------------|-----|------|----|----------|----------|
| 22 | B200040030 | BOM | NMIL | 1  | 0.016240 | 0.016240 |
| 23 | B200040034 | BOM | NMIL | 3  | 0.005967 | 0.017901 |
| 24 | B200050037 | BOM | NMIL | 5  | 0.005218 | 0.026090 |
| 25 | B200050044 | BOM | NMIL | 2  | 0.005218 | 0.010436 |
| 26 | B200050047 | BOM | NMIL | 1  | 0.005218 | 0.005218 |
| 27 | B200060009 | BOM | NMIL | 1  | 0.014724 | 0.014724 |
| 28 | B200090005 | BOM | NMIL | 1  | 0.001518 | 0.001518 |
| 29 | B200110001 | BOM | NMIL | 2  | 0.004650 | 0.009300 |
| 30 | B200110025 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 31 | B200110035 | BOM | NMIL | 9  | 0.004650 | 0.041850 |
| 32 | B200110040 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 33 | B200110046 | BOM | NMIL | 7  | 0.004650 | 0.032550 |
| 34 | B200110058 | BOM | NMIL | 4  | 0.004650 | 0.018600 |
| 35 | B200110073 | BOM | NMIL | 7  | 0.005115 | 0.035805 |
| 36 | B200110078 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 37 | B200110087 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 38 | B200110091 | BOM | NMIL | 7  | 0.004650 | 0.032550 |
| 39 | B200110095 | BOM | NMIL | 2  | 0.004650 | 0.009300 |
| 40 | B200110120 | BOM | NMIL | 10 | 0.004650 | 0.046500 |
| 41 | B200110131 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 42 | B200110144 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 43 | B200110162 | BOM | NMIL | 12 | 0.004650 | 0.055800 |
| 44 | B200110172 | BOM | NMIL | 4  | 0.004650 | 0.018600 |
| 45 | B200110198 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 46 | B200110227 | BOM | NMIL | 2  | 0.004650 | 0.009300 |
| 47 | B200110235 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 48 | B200110238 | BOM | NMIL | 2  | 0.005115 | 0.010230 |
| 49 | B200110266 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 50 | B200110276 | BOM | NMIL | 3  | 0.004650 | 0.013950 |
| 51 | B200110282 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 52 | B200110301 | BOM | NMIL | 2  | 0.004650 | 0.009300 |
| 53 | B200110317 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 54 | B200110327 | BOM | NMIL | 3  | 0.004650 | 0.013950 |
| 55 | B200110350 | BOM | NMIL | 2  | 0.005115 | 0.010230 |
| 56 | B200110354 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 57 | B200110379 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 58 | B200110382 | BOM | NMIL | 2  | 0.005115 | 0.010230 |
| 59 | B200110413 | BOM | NMIL | 1  | 0.005115 | 0.005115 |
| 60 | B200110422 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 61 | B200120088 | BOM | NMIL | 1  | 0.009800 | 0.009800 |

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|     |            |     |      |   |          |          |
|-----|------------|-----|------|---|----------|----------|
| 62  | B200120118 | BOM | NMIL | 1 | 0.008705 | 0.008705 |
| 63  | B200120119 | BOM | NMIL | 1 | 0.011030 | 0.011030 |
| 64  | B200120149 | BOM | NMIL | 1 | 0.008705 | 0.008705 |
| 65  | B200140006 | BOM | NMIL | 1 | 0.035297 | 0.035297 |
| 66  | B200140016 | BOM | NMIL | 1 | 0.049416 | 0.049416 |
| 67  | B200160012 | BOM | NMIL | 1 | 0.065000 | 0.065000 |
| 68  | B200170002 | BOM | NMIL | 4 | 0.005156 | 0.020624 |
| 69  | B200170003 | BOM | NMIL | 3 | 0.005156 | 0.015468 |
| 70  | B200180005 | BOM | N/A  | 1 | 0.009769 | 0.009769 |
| 71  | B200180015 | BOM | N/A  | 1 | 0.008923 | 0.008923 |
| 72  | B200180016 | BOM | N/A  | 1 | 0.008923 | 0.008923 |
| 73  | B200190006 | BOM | N/A  | 1 | 0.014104 | 0.014104 |
| 74  | B200190024 | BOM | N/A  | 1 | 0.015889 | 0.015889 |
| 75  | B200200012 | BOM | N/A  | 3 | 0.009203 | 0.027609 |
| 76  | B200200017 | BOM | N/A  | 5 | 0.011856 | 0.059280 |
| 77  | B200200020 | BOM | N/A  | 1 | 0.011856 | 0.011856 |
| 78  | B200200053 | BOM | N/A  | 1 | 0.014056 | 0.014056 |
| 79  | B200200061 | BOM | N/A  | 2 | 0.008470 | 0.016940 |
| 80  | B200200062 | BOM | N/A  | 1 | 0.007791 | 0.007791 |
| 81  | B200210001 | BOM | N/A  | 1 | 0.006398 | 0.006398 |
| 82  | B200210004 | BOM | N/A  | 1 | 0.006740 | 0.006740 |
| 83  | B200220010 | BOM | N/A  | 1 | 0.002761 | 0.002761 |
| 84  | B200220028 | BOM | N/A  | 1 | 0.002647 | 0.002647 |
| 85  | B200230026 | BOM | N/A  | 3 | 0.050912 | 0.152736 |
| 86  | B200230036 | BOM | N/A  | 2 | 0.050912 | 0.101824 |
| 87  | B200230045 | BOM | N/A  | 1 | 0.151635 | 0.151635 |
| 88  | B200230083 | BOM | N/A  | 1 | 0.217802 | 0.217802 |
| 89  | B200230100 | BOM | N/A  | 5 | 0.058676 | 0.293380 |
| 90  | B200230149 | BOM | N/A  | 2 | 0.055260 | 0.110520 |
| 91  | B200230275 | BOM | N/A  | 2 | 0.029363 | 0.058726 |
| 92  | B200230277 | BOM | N/A  | 1 | 0.041825 | 0.041825 |
| 93  | B200230353 | BOM | N/A  | 2 | 0.022223 | 0.044446 |
| 94  | B200250007 | BOM | NMIL | 3 | 0.083521 | 0.250563 |
| 95  | B200250009 | BOM | NMIL | 1 | 0.023345 | 0.023345 |
| 96  | B200260056 | BOM | NMIL | 1 | 0.044312 | 0.044312 |
| 97  | B200260076 | BOM | NMIL | 1 | 0.044312 | 0.044312 |
| 98  | B200260116 | BOM | NMIL | 1 | 0.044312 | 0.044312 |
| 99  | B200260125 | BOM | NMIL | 1 | 0.044312 | 0.044312 |
| 100 | B200260126 | BOM | NMIL | 1 | 0.044312 | 0.044312 |
| 101 | B200260127 | BOM | NMIL | 1 | 0.044312 | 0.044312 |

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|     |            |     |                                                |   |          |          |
|-----|------------|-----|------------------------------------------------|---|----------|----------|
| 102 | B200280002 | BOM | NMIL                                           | 2 | 0.015958 | 0.031916 |
| 103 | B200280012 | BOM | NMIL                                           | 2 | 0.015958 | 0.031916 |
| 104 | B200300209 | BOM | NMIL                                           | 1 | 0.026353 | 0.026353 |
| 105 | B200300210 | BOM | NMIL                                           | 1 | 0.003876 | 0.003876 |
| 106 | B210140004 | BOM | KNOWNFR                                        | 2 | 2.049855 | 4.099710 |
| 107 | B210160001 | BOM | N/A                                            | 1 | 0.010000 | 0.010000 |
| 108 | B210190882 | N/A | STANDARD                                       | 1 | 0.022077 | 0.022077 |
|     |            |     |                                                |   |          |          |
|     |            |     |                                                |   |          |          |
|     |            |     | Total Failure Rate (F/10 <sup>6</sup> Hrs) :   |   |          | 8.411458 |
|     |            |     | Mean Time (in hours) Between Failures (MTBF) : |   |          | 118,885  |