

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 : FEB-27-2009      Time : 14:35:12 |                                        |                             |              |              |                     |                     |
| End Item Title : GIN SERIES MTBF        |                                        |                             |              |              |                     |                     |
| End Item Part Number : GIN-3600V (RoHS) |                                        |                             |              |              |                     |                     |
| Module Title : ZIPPY TECHNOLOGY CORP    |                                        |                             |              |              |                     |                     |
| Module Part Number : GIN/MTBF           |                                        |                             |              |              |                     |                     |
| Module Reference Designation : GIN      |                                        |                             |              |              |                     |                     |
| Environmental Condition : GB            |                                        |                             |              |              |                     |                     |
|                                         |                                        |                             |              |              |                     |                     |
|                                         |                                        |                             |              |              |                     |                     |
| <b><u>GIN-3600V (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                                       | B102130002                             | BOM                         | NMIL         | 1            | 0.074349            | 0.074349            |
| 2                                       | B102330004                             | BOM                         | NMIL         | 1            | 0.316157            | 0.316157            |
| 3                                       | B102600002                             | BOM                         | NMIL         | 1            | 0.216158            | 0.216158            |
| 4                                       | B102720003                             | BOM                         | NMIL         | 1            | 0.141808            | 0.141808            |
| 5                                       | B200000058                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 6                                       | B200000080                             | BOM                         | SPECIAL      | 2            | 0.094935            | 0.189870            |
| 7                                       | B200000092                             | BOM                         | SPECIAL      | 1            | 0.098732            | 0.098732            |
| 8                                       | B200000144                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 9                                       | B200000252                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 10                                      | B200000268                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 11                                      | B200000308                             | BOM                         | SPECIAL      | 3            | 0.094935            | 0.284805            |
| 12                                      | B200000309                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 13                                      | B200000316                             | BOM                         | SPECIAL      | 1            | 0.094935            | 0.094935            |
| 14                                      | B200010022                             | BOM                         | NMIL         | 1            | 0.000798            | 0.000798            |
| 15                                      | B200010056                             | BOM                         | NMIL         | 4            | 0.000798            | 0.003192            |
| 16                                      | B200010057                             | BOM                         | NMIL         | 2            | 0.032654            | 0.065308            |
| 17                                      | B200010067                             | BOM                         | NMIL         | 2            | 0.000798            | 0.001596            |
| 18                                      | B200010080                             | BOM                         | NMIL         | 2            | 0.032654            | 0.065308            |
| 19                                      | B200010081                             | BOM                         | NMIL         | 2            | 0.032654            | 0.065308            |
| 20                                      | B200010083                             | BOM                         | NMIL         | 2            | 0.000830            | 0.001660            |
| 21                                      | B200010084                             | BOM                         | NMIL         | 1            | 0.032654            | 0.032654            |

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|    |            |     |      |    |          |          |
|----|------------|-----|------|----|----------|----------|
| 22 | B200020004 | BOM | NMIL | 10 | 0.005156 | 0.051560 |
| 23 | B200020014 | BOM | NMIL | 1  | 0.005156 | 0.005156 |
| 24 | B200030019 | BOM | NMIL | 1  | 0.018136 | 0.018136 |
| 25 | B200040015 | BOM | NMIL | 1  | 0.005967 | 0.005967 |
| 26 | B200040059 | BOM | NMIL | 1  | 0.005967 | 0.005967 |
| 27 | B200040063 | BOM | NMIL | 1  | 0.018861 | 0.018861 |
| 28 | B200050002 | BOM | NMIL | 1  | 0.005218 | 0.005218 |
| 29 | B200050039 | BOM | NMIL | 1  | 0.005218 | 0.005218 |
| 30 | B200050040 | BOM | NMIL | 5  | 0.005218 | 0.026090 |
| 31 | B200050045 | BOM | NMIL | 1  | 0.005218 | 0.005218 |
| 32 | B200050054 | BOM | NMIL | 1  | 0.081148 | 0.081148 |
| 33 | B200060009 | BOM | NMIL | 1  | 0.013488 | 0.013488 |
| 34 | B200110001 | BOM | NMIL | 3  | 0.004650 | 0.013950 |
| 35 | B200110022 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 36 | B200110035 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 37 | B200110040 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 38 | B200110042 | BOM | NMIL | 2  | 0.004650 | 0.009300 |
| 39 | B200110046 | BOM | NMIL | 6  | 0.004650 | 0.027900 |
| 40 | B200110120 | BOM | NMIL | 3  | 0.004650 | 0.013950 |
| 41 | B200110123 | BOM | NMIL | 2  | 0.004650 | 0.009300 |
| 42 | B200110127 | BOM | NMIL | 3  | 0.007440 | 0.022320 |
| 43 | B200110172 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 44 | B200110227 | BOM | NMIL | 3  | 0.004650 | 0.013950 |
| 45 | B200110259 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 46 | B200110261 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 47 | B200110266 | BOM | NMIL | 2  | 0.004650 | 0.009300 |
| 48 | B200110276 | BOM | NMIL | 2  | 0.004650 | 0.009300 |
| 49 | B200110282 | BOM | NMIL | 10 | 0.004650 | 0.046500 |
| 50 | B200110303 | BOM | NMIL | 5  | 0.005115 | 0.025575 |
| 51 | B200110317 | BOM | NMIL | 2  | 0.004650 | 0.009300 |
| 52 | B200110343 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 53 | B200110348 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 54 | B200110398 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 55 | B200110489 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 56 | B200110491 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 57 | B200110492 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 58 | B200110494 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 59 | B200110503 | BOM | NMIL | 1  | 0.005115 | 0.005115 |
| 60 | B200110505 | BOM | NMIL | 1  | 0.004650 | 0.004650 |
| 61 | B200110506 | BOM | NMIL | 1  | 0.004650 | 0.004650 |

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|     |            |     |      |   |          |          |
|-----|------------|-----|------|---|----------|----------|
| 62  | B200110510 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 63  | B200110512 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 64  | B200110520 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 65  | B200110523 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 66  | B200110525 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 67  | B200110541 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 68  | B200110544 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 69  | B200110550 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 70  | B200110554 | BOM | NMIL | 8 | 0.004650 | 0.037200 |
| 71  | B200110574 | BOM | NMIL | 1 | 0.005115 | 0.005115 |
| 72  | B200110581 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 73  | B200110584 | BOM | NMIL | 3 | 0.004650 | 0.013950 |
| 74  | B200110588 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 75  | B200110600 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 76  | B200110613 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 77  | B200110665 | BOM | NMIL | 1 | 0.004650 | 0.004650 |
| 78  | B200120015 | BOM | NMIL | 1 | 0.008509 | 0.008509 |
| 79  | B200120118 | BOM | NMIL | 2 | 0.008705 | 0.017410 |
| 80  | B200120154 | BOM | NMIL | 1 | 0.008509 | 0.008509 |
| 81  | B200120160 | BOM | NMIL | 1 | 0.008705 | 0.008705 |
| 82  | B200160011 | BOM | NMIL | 1 | 0.065000 | 0.065000 |
| 83  | B200160017 | BOM | NMIL | 1 | 0.065000 | 0.065000 |
| 84  | B200170013 | BOM | NMIL | 2 | 0.005156 | 0.010312 |
| 85  | B200180018 | BOM | N/A  | 1 | 0.009327 | 0.009327 |
| 86  | B200180075 | BOM | N/A  | 2 | 0.008923 | 0.017846 |
| 87  | B200190022 | BOM | N/A  | 1 | 0.015889 | 0.015889 |
| 88  | B200190033 | BOM | N/A  | 1 | 0.013308 | 0.013308 |
| 89  | B200200006 | BOM | N/A  | 6 | 0.007144 | 0.042864 |
| 90  | B200200012 | BOM | N/A  | 1 | 0.009203 | 0.009203 |
| 91  | B200200017 | BOM | N/A  | 8 | 0.011856 | 0.094848 |
| 92  | B200200021 | BOM | N/A  | 2 | 0.015274 | 0.030548 |
| 93  | B200200060 | BOM | N/A  | 1 | 0.012930 | 0.012930 |
| 94  | B200200061 | BOM | N/A  | 1 | 0.008470 | 0.008470 |
| 95  | B200200062 | BOM | N/A  | 2 | 0.007791 | 0.015582 |
| 96  | B200200071 | BOM | N/A  | 1 | 0.006048 | 0.006048 |
| 97  | B200200094 | BOM | N/A  | 3 | 0.007791 | 0.023373 |
| 98  | B200220018 | BOM | N/A  | 2 | 0.002416 | 0.004832 |
| 99  | B200220020 | BOM | N/A  | 1 | 0.002337 | 0.002337 |
| 100 | B200220040 | BOM | N/A  | 1 | 0.002198 | 0.002198 |
| 101 | B200230057 | BOM | N/A  | 1 | 0.032858 | 0.032858 |

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|     |            |     |                                                |   |          |                |
|-----|------------|-----|------------------------------------------------|---|----------|----------------|
| 102 | B200230198 | BOM | N/A                                            | 4 | 0.060538 | 0.242152       |
| 103 | B200230210 | BOM | N/A                                            | 3 | 0.052528 | 0.157584       |
| 104 | B200230277 | BOM | N/A                                            | 2 | 0.043153 | 0.086306       |
| 105 | B200230288 | BOM | N/A                                            | 3 | 0.020016 | 0.060048       |
| 106 | B200230338 | BOM | N/A                                            | 4 | 0.030295 | 0.121180       |
| 107 | B200230350 | BOM | N/A                                            | 3 | 0.150289 | 0.450867       |
| 108 | B200250009 | BOM | NMIL                                           | 1 | 0.086172 | 0.086172       |
| 109 | B200260125 | BOM | NMIL                                           | 1 | 0.091573 | 0.091573       |
| 110 | B200260215 | BOM | NMIL                                           | 1 | 0.091573 | 0.091573       |
| 111 | B200260228 | BOM | NMIL                                           | 1 | 0.091573 | 0.091573       |
| 112 | B200260245 | BOM | NMIL                                           | 1 | 0.091573 | 0.091573       |
| 113 | B200280013 | BOM | NMIL                                           | 2 | 0.015958 | 0.031916       |
| 114 | B200300219 | BOM | NMIL                                           | 1 | 0.003998 | 0.003998       |
| 115 | B200300236 | BOM | NMIL                                           | 1 | 0.003998 | 0.003998       |
| 116 | B200300265 | BOM | NMIL                                           | 1 | 0.027190 | 0.027190       |
| 117 | B200300274 | BOM | NMIL                                           | 1 | 0.003998 | 0.003998       |
| 118 | B200310007 | BOM | NMIL                                           | 1 | 0.031824 | 0.031824       |
| 119 | B210090085 | BOM | KNOWNFR                                        | 1 | 1.995000 | 1.995000       |
| 120 | B210160001 | BOM | N/A                                            | 1 | 0.010000 | 0.010000       |
| 121 | B210190921 | N/A | STANDARD                                       | 1 | 0.022077 | 0.022077       |
|     |            |     |                                                |   |          |                |
|     |            |     |                                                |   |          |                |
|     |            |     | Total Failure Rate (F/10 <sup>6</sup> Hrs) :   |   |          | 6.998073       |
|     |            |     | Mean Time (in hours) Between Failures (MTBF) : |   |          | <b>142,896</b> |