



M T B F

(E I A J R C R - 9 1 0 2 )

|       |            |
|-------|------------|
| Model | MGS1R51205 |
|-------|------------|

| No.                                      | P a r t s              |            | Q'ty of Device | Failure rate [10 <sup>-6</sup> /H] | R e f e r e n c e |
|--|------------------------|------------|----------------|------------------------------------|-------------------|
| 1  | I C                    | Monolithic | 3              | 0.0720                             |                   |
| 2  |                        | Hybrid     | 0              | 0.0000                             |                   |
| 3  | T r a n s i s t o r s  |            | 3              | 0.1991                             |                   |
| 4  | D i o d e s            |            | 6              | 0.1130                             |                   |
| 5  | LED•Optocouplers       |            | 1              | 0.0700                             |                   |
| 6  | R e s i s t o r s      |            | 22             | 0.0044                             |                   |
| 7  | C a p a c i t o r s    |            | 15             | 0.1110                             |                   |
| 8  | Transformer•Choke Coil |            | 0              | 0.0000                             |                   |
| 9  | C o n n e c t o r s    |            | 135            | 0.0184                             |                   |
| 1 0                                      | O t h e r s            |            | 2              | 0.2200                             |                   |
| Total Failure Rate [10 <sup>-6</sup> /H] |                        |            |                | 0.8079                             |                   |

|                     |     |           |
|---------------------|-----|-----------|
| M T B F             | [H] | 1,238,000 |
| Ambient Temperature | [℃] | —         |
| Load Factor         | [%] | —         |