



# M T B F

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

|       |             |
|-------|-------------|
| Model | SUCS10053R3 |
|-------|-------------|

| No.                                      | P a r t s              |            | Q'ty of Device | Failure rate [10 <sup>-6</sup> /H] | Reference |
|--|------------------------|------------|----------------|------------------------------------|-----------|
| 1  | I C                    | Monolithic | 2              | 0.0240                             |           |
| 2  |                        | Hybrid     | 0              | 0.0000                             |           |
| 3  | Transistors            |            | 12             | 0.2090                             |           |
| 4  | Diodes                 |            | 15             | 0.1765                             |           |
| 5  | LED•Optocouplers       |            | 1              | 0.0700                             |           |
| 6  | Resistors              |            | 62             | 0.0124                             |           |
| 7  | Capacitors             |            | 24             | 0.1776                             |           |
| 8  | Transformer•Choke Coil |            | 4              | 0.0920                             |           |
| 9  | Connectors             |            | 289            | 0.0397                             |           |
| 10                                       | Others                 |            | 2              | 0.1300                             |           |
| Total Failure Rate [10 <sup>-6</sup> /H] |                        |            |                | 0.9312                             |           |

|                     |      |           |
|---------------------|------|-----------|
| M T B F             | [H]  | 1,080,000 |
| Ambient Temperature | [°C] | —         |
| Load Factor         | [%]  | —         |