



# M T B F

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

|       |            |
|-------|------------|
| Model | SUW1R52412 |
|-------|------------|

| No.                                      | P a r t s              |            | Q' ty of Device | Failure rate [10 <sup>-6</sup> /H] | Re f e r e n c e |
|--|------------------------|------------|-----------------|------------------------------------|------------------|
| 1  | I C                    | Monolithic | 1               | 0.0240                             |                  |
| 2  |                        | Hybrid     | 0               | 0.0000                             |                  |
| 3  | Transistors            |            | 3               | 0.1012                             |                  |
| 4  | Diodes                 |            | 10              | 0.1740                             |                  |
| 5  | LED•Optocouplers       |            | 1               | 0.0700                             |                  |
| 6  | Resistors              |            | 24              | 0.0048                             |                  |
| 7  | Capacitors             |            | 11              | 0.0814                             |                  |
| 8  | Transformer•Choke Coil |            | 4               | 0.0920                             |                  |
| 9  | Connectors             |            | 93              | 0.0127                             |                  |
| 10                                       | Others                 |            | 2               | 0.1300                             |                  |
| Total Failure Rate [10 <sup>-6</sup> /H] |                        |            |                 | 0.6901                             |                  |

|                     |      |           |
|---------------------|------|-----------|
| M T B F             | [H]  | 1,450,000 |
| Ambient Temperature | [°C] | —         |
| Load Factor         | [%]  | —         |