



# M T B F

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

|       |           |
|-------|-----------|
| Model | ZUS102412 |
|-------|-----------|

| 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 | 2               | 0.0650                             |                  |
| 2  |                        | Hybrid     | 0               | 0.0000                             |                  |
| 3  | T r a n s i s t o r s  |            | 9               | 0.2466                             |                  |
| 4  | D i o d e s            |            | 16              | 0.2275                             |                  |
| 5  | LED•Optocouplers       |            | 1               | 0.0700                             |                  |
| 6  | R e s i s t o r s      |            | 36              | 0.0072                             |                  |
| 7  | C a p a c i t o r s    |            | 15              | 0.1040                             |                  |
| 8  | Transformer•Choke Coil |            | 3               | 0.0690                             |                  |
| 9  | C o n n e c t o r s    |            | 188             | 0.0259                             |                  |
| 1 0                                      | O t h e r s            |            | 3               | 0.1500                             |                  |
| Total Failure Rate [10 <sup>-6</sup> /H] |                        |            |                 | 0.9652                             |                  |

|                     |      |           |
|---------------------|------|-----------|
| M T B F             | [H]  | 1,040,000 |
| Ambient Temperature | [°C] | —         |
| Load Factor         | [%]  | —         |