



# M T B F

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

|       |            |
|-------|------------|
| Model | TECS65F-24 |
|-------|------------|

| 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                    | M o n o l i t h i c | 5               | 0.2200                             |                  |
| 2  |                        | H y b r i d         | 0               | 0.0000                             |                  |
| 3  | T r a n s i s t o r s  |                     | 8               | 0.4004                             |                  |
| 4  | D i o d e s            |                     | 20              | 0.4315                             |                  |
| 5  | LED•Optocouplers       |                     | 2               | 0.1400                             |                  |
| 6  | R e s i s t o r s      |                     | 71              | 0.6561                             |                  |
| 7  | C a p a c i t o r s    |                     | 54              | 0.5135                             |                  |
| 8  | Transformer•Choke Coil |                     | 6               | 0.0966                             |                  |
| 9  | C o n n e c t o r s    |                     | 470             | 0.0780                             |                  |
| 1 0                                      | O t h e r s            |                     | 6               | 0.3920                             |                  |
| Total Failure Rate [10 <sup>-6</sup> /H] |                        |                     |                 | 2.9281                             |                  |

|                     |      |         |
|---------------------|------|---------|
| M T B F             | [H]  | 342,000 |
| Ambient Temperature | [°C] | —       |
| Load Factor         | [%]  | —       |