



M T B F

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

|       |             |
|-------|-------------|
| Model | PCA1000F-24 |
|-------|-------------|

| 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 | 21             | 0.8060                             |                   |
| 2  |                        | Hybrid     | 0              | 0.0000                             |                   |
| 3  | Transistors            |            | 59             | 4.2746                             |                   |
| 4  | Diodes                 |            | 84             | 1.4820                             |                   |
| 5  | LED•Optocouplers       |            | 17             | 1.0524                             |                   |
| 6  | Resistors              |            | 450            | 1.2354                             |                   |
| 7  | Capacitors             |            | 282            | 2.3399                             |                   |
| 8  | Transformer•Choke Coil |            | 15             | 0.3220                             |                   |
| 9  | Connectors             |            | 2433           | 0.6041                             |                   |
| 10                                       | Others                 |            | 18             | 3.2040                             |                   |
| Total Failure Rate [10 <sup>-6</sup> /H] |                        |            |                | 15.3204                            |                   |

|                     |     |         |
|---------------------|-----|---------|
| M T B F             | [H] | 65, 000 |
| Ambient Temperature | [℃] | —       |
| Load Factor         | [%] | —       |