



# M T B F

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

|       |            |
|-------|------------|
| Model | PBA300F-36 |
|-------|------------|

| No.                                      | P a r t s              |            | Q'ty of Device | Failure rate [10 <sup>-6</sup> /H] | Reference |
|--|------------------------|------------|----------------|------------------------------------|-----------|
| 1  | I C                    | Monolithic | 9              | 0.2500                             |           |
| 2  |                        | Hybrid     | 0              | 0.0000                             |           |
| 3  | Transistors            |            | 14             | 0.2930                             |           |
| 4  | Diodes                 |            | 60             | 1.2065                             |           |
| 5  | LED•Optocouplers       |            | 6              | 0.3512                             |           |
| 6  | Resistors              |            | 192            | 0.2834                             |           |
| 7  | Capacitors             |            | 94             | 0.8791                             |           |
| 8  | Transformer•Choke Coil |            | 19             | 0.3163                             |           |
| 9  | Connectors             |            | 1129           | 0.6466                             |           |
| 10                                       | Others                 |            | 13             | 5.2720                             |           |
| Total Failure Rate [10 <sup>-6</sup> /H] |                        |            |                | 9.4981                             |           |

|                     |      |         |
|---------------------|------|---------|
| M T B F             | [H]  | 106,000 |
| Ambient Temperature | [°C] | —       |
| Load Factor         | [%]  | —       |