



M T B F (E I A J R C R - 9 1 0 2 B)

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|-------|--------|
| Model | GT2-12 |
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| No. | Parts | | Q'ty of Device | Failure rate [$10^{-6}/H$] | Reference |
|------------------------------------|----------------------|-----------------------|----------------|------------------------------|-----------|
| 1 | IC | Linear | 2 | 0.0480 | |
| 2 | Transistors | NPN/PNP | 0 | 0.0000 | |
| 3 | Transistors | Power NPN/PNP | 1 | 0.0420 | |
| 4 | FET | MOS FET | 1 | 0.0990 | |
| 5 | Diodes | FR | 2 | 0.0440 | |
| 6 | Diodes | Zener | 2 | 0.0480 | |
| 7 | Diodes | bridge | 2 | 0.1320 | |
| 8 | Resistors | Metal Film | 19 | 0.3040 | |
| 9 | Resistors | Power Film | 3 | 0.1230 | |
| 10 | Resistors | variable | 1 | 0.0160 | |
| 11 | Capacitors | Aluminum Electrolytic | 8 | 0.1520 | |
| 12 | Capacitors | Film | 5 | 0.0420 | |
| 13 | Transformer | Power | 1 | 0.3600 | |
| 14 | Fuses | | 1 | 0.0200 | |
| 15 | Connectors | Printed Crcuit Board | 7 | 0.3640 | |
| 16 | Connection | Hand Solder | 10 | 0.0260 | |
| 17 | Connection | Flow Solder | 246 | 0.1279 | |
| 18 | Connection | Crimp | 31 | 0.0192 | |
| 19 | Connection | Screw | 8 | 0.0080 | |
| 20 | Printed Crcuit Board | Through Hole | 2 | 0.0900 | |
| Total Failure Rate [$10^{-6}/H$] | | | | 2.0651 | |

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|---------------------|------|---------|
| M T B F | [H] | 484,000 |
| Ambient Temperature | [°C] | - |
| Load Factor | [%] | - |