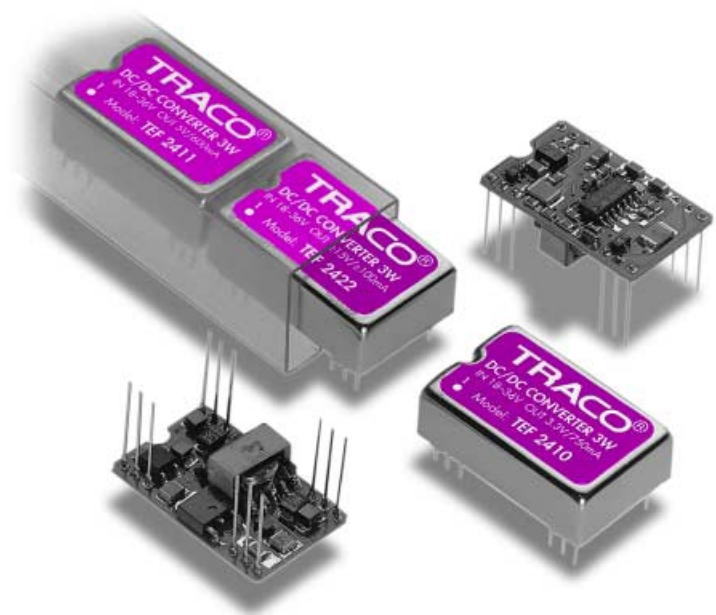


Features

- Full SMD design with Ceramic Capacitors
- Wide 2:1 Input range
- High Efficiency
- Short Circuit Protection
- Metal Case, 24-Pin DIP
- 2 Year Product Warranty



The TEF-series is a family of isolated dc/dc-converters that offers a cost effective solution for applications requiring miniature size and high performance features. SMT-design with exclusive use of ceramic capacitors guarantees a very high reliability with an MTBF of over 1'000'000 hours. A highly automated production with 100% parameter test ensures a high quality standard of this product.

| Models | | | | |
|--|---------------------|----------------|---------------------|-----------------|
| Ordercode | Input voltage range | Output voltage | Output current max. | Efficiency typ. |
| TEF 0510 TEF 0511 TEF 0512 TEF 0521 TEF 0522 | 4.5 – 7 VDC | 3.3 VDC | 650 mA | 69 % |
| | | 5 VDC | 500 mA | 72 % |
| | | 12 VDC | 240 mA | 74 % |
| | | ±12 VDC | ± 125 mA | 74 % |
| | | ±15 VDC | ± 95 mA | 74 % |
| TEF 1210 TEF 1211 TEF 1212 TEF 1221 TEF 1222 | 9 – 18 VDC | 3.3 VDC | 700 mA | 71 % |
| | | 5 VDC | 550 mA | 73 % |
| | | 12 VDC | 250 mA | 78 % |
| | | ±12 VDC | ± 125 mA | 78 % |
| | | ±15 VDC | ± 100 mA | 78 % |
| TEF 2010 TEF 2011 TEF 2012 TEF 2021 TEF 2022 | 10 – 30 VDC | 3.3 VDC | 700 mA | 72 % |
| | | 5 VDC | 550 mA | 75 % |
| | | 12 VDC | 250 mA | 80 % |
| | | ±12 VDC | ± 125 mA | 80 % |
| | | ±15 VDC | ± 100 mA | 80 % |
| TEF 2410 TEF 2411 TEF 2412 TEF 2421 TEF 2422 | 18 – 36 VDC | 3.3 VDC | 700 mA | 76 % |
| | | 5 VDC | 600 mA | 80 % |
| | | 12 VDC | 250 mA | 82 % |
| | | ±12 VDC | ± 125 mA | 82 % |
| | | ±15 VDC | ± 100 mA | 83 % |
| TEF 4810 TEF 4811 TEF 4812 TEF 4821 TEF 4822 | 36 – 72 VDC | 3.3 VDC | 700 mA | 76 % |
| | | 5 VDC | 600 mA | 80 % |
| | | 12 VDC | 250 mA | 82 % |
| | | ±12 VDC | ± 125 mA | 82 % |
| | | ±15 VDC | ± 100 mA | 83 % |

