

POWER CONVERTERS **THERMAL MANAGEMENT**

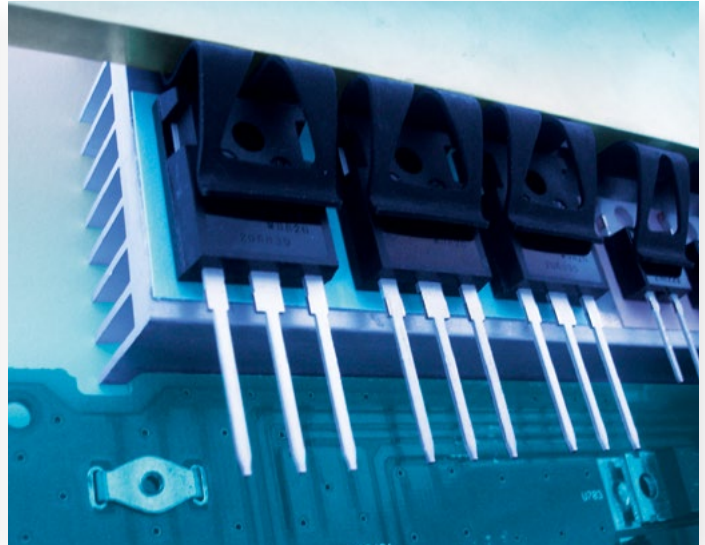
MAKING POWER CONVERSION
MOST EFFICIENT



BENEFITS

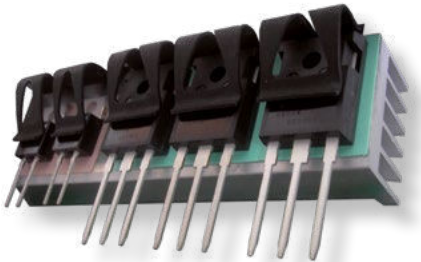
- ❑ Minimized thermal resistance
- ❑ Enhanced efficiency
- ❑ Lower chip temperatures
- ❑ Increased life time

Please contact us as your development partner.



Release 03 / 2026

DISCRETE DESIGN TECHNOLOGY



HALA High Performing Thermally Conductive / Dielectric Films

Silicone foils

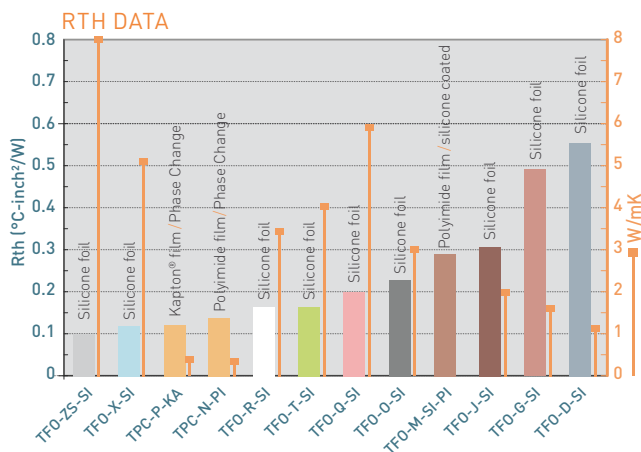
- ☐ TFO-ZS-SI [8 W/mK]
- ☐ TFO-Q-SI [6 W/mK]
- ☐ TFO-X-SI [5 W/mK]
- ☐ TFO-T-SI [4.1 W/mK]
- ☐ TFO-R-SI [3.5 W/mK]
- ☐ TFO-O-SI [3 W/mK]
- ☐ TFO-J-SI [2 W/mK]
- ☐ TFO-G-SI [1.6 W/mK]
- ☐ TFO-D-SI [1.2 W/mK]

Polyimide film / Kapton® film
Phase Change coated

- TPC-N-PI
- TPC-P-KA

Polyimide film/
Silicone coated

- TF0-M-SI-PI



MODULAR CONCEPTS



HALA High Performing Contacting Interface Materials

Phase Change films

- TPC-Y-PC
- TPC-W-PC
- TPC-T-AL-CB
- TPC-R-AL

Graphite foil

- TF0-S-CB

Graphite foil / pyrolytic

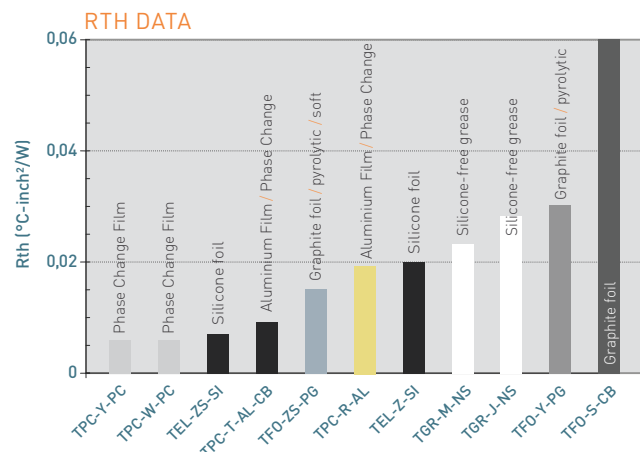
- TF0-Y-PG
- TF0-ZS-PG

Silicone foil

- TEL-Z-SI
- TEL-ZS-SI

Silicone-free grease

- ☐ TGR-J-NS
- ☐ TGR-M-NS



All technical data and information are without warranty and believed to be reliable and accurate corresponding to the latest state of the art. Since the products are not provided to conform with mutually agreed specifications and their use and processing are unknown we cannot guarantee results, freedom from patent infringement, or their suitability for any application. Product testing by the applicant is recommended. We reserve the right of changes.