



## Product Brief

# Thermal Interface Material (TIM)

The only Infineon-qualified solution

Higher power densities in power electronics are posing greater challenges for the thermal interface between the power module and heat sink.

A specially developed thermal interface material pre-applied to our power modules outperforms the general-purpose materials available.

TIM fulfills the highest quality standards for power modules to achieve the longest lifetime and highest system reliability.

TIM has been developed to fit most of our existing power module packages as well as upcoming future designs. Using modules with pre-applied TIM will enable reproducible thermal performance of power electronic applications.

### Benefits

- > Reduced process time in manufacturing
- > Simplified mounting
- > Increased system reliability
- > Increased system lifetime
- > Optimized thermal management
- > Improved handling in case of maintenance

### Key features

- > Pre-applied to Infineon modules
- > Dry to the touch
- > Optimized for dedicated Infineon modules

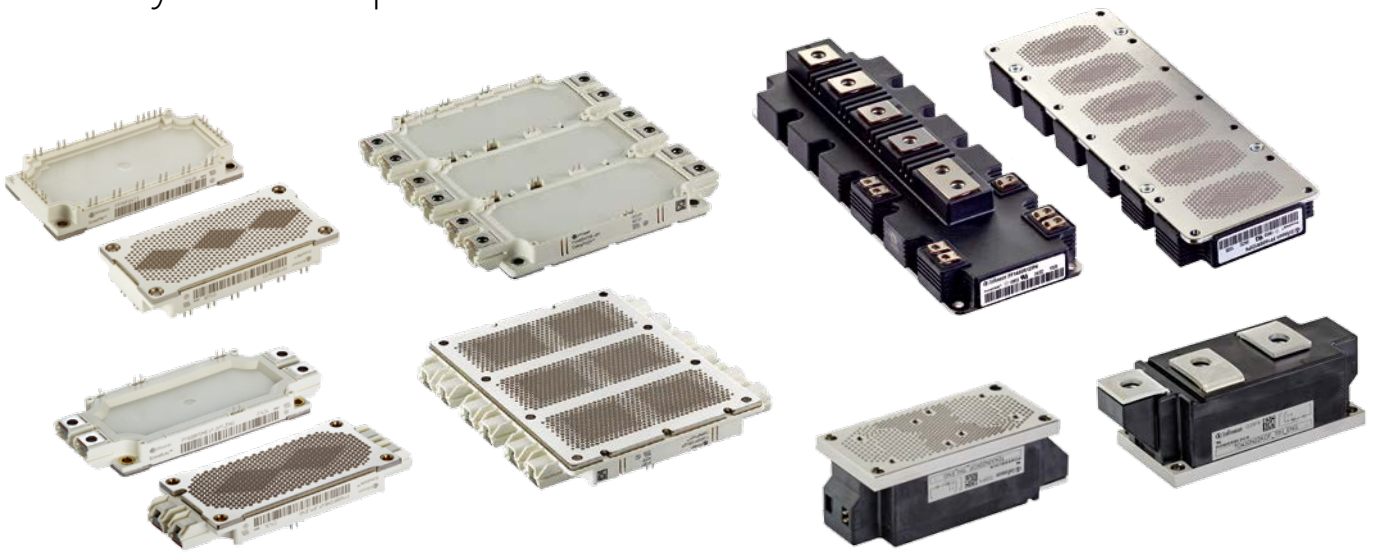
### Applications

- > Suitable for applications with demanding lifetime and durability requirements

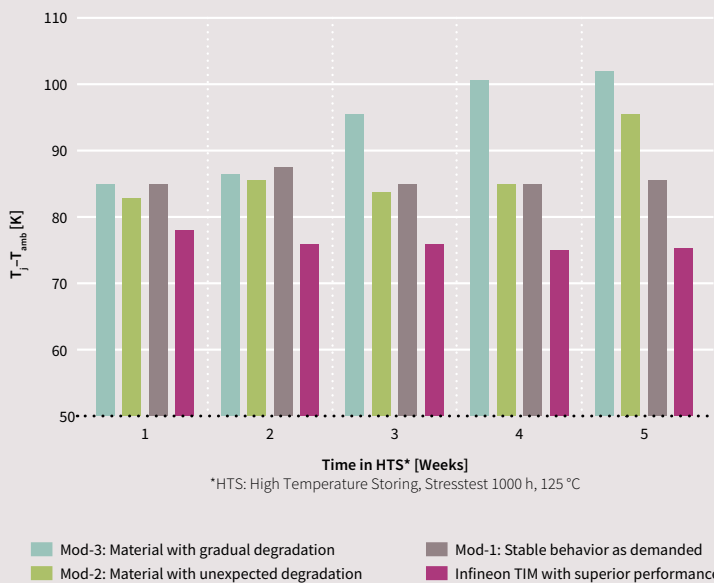


# Pre-Applied Thermal Interface Material

## The only Infineon-qualified solution



Thermal improvement and long-term stability



**Broad portfolio available:**

- > 62 mm
- > PrimePACK™ 2/3
- > EconoDUAL™ 3
- > EconoPACK™ +
- > EconoPACK™ 2/3
- > EconoPIM™ 2/3
- > EconoPACK™ 4
- > IHM-B Cu
- > PowerBLOCK 50/60/70

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