



SiC Schottky Diodes thinQ!TM

Second Generation now available in TO-220 FullPAK



SiC Schottky Diodes thinQ!™

Highest efficiency and outstanding thermal performance combined in a full isolated solution

The best choice for your applications:

- SMPS
- LDC, PDP
- Lighting
- UPS, solar applications
- Motor drives
- ...



... superior features and benefits



Thermal behavior comparable to non-isolated package thanks to Infineon diffusion soldering



Best thermal performance for full-pack solutions

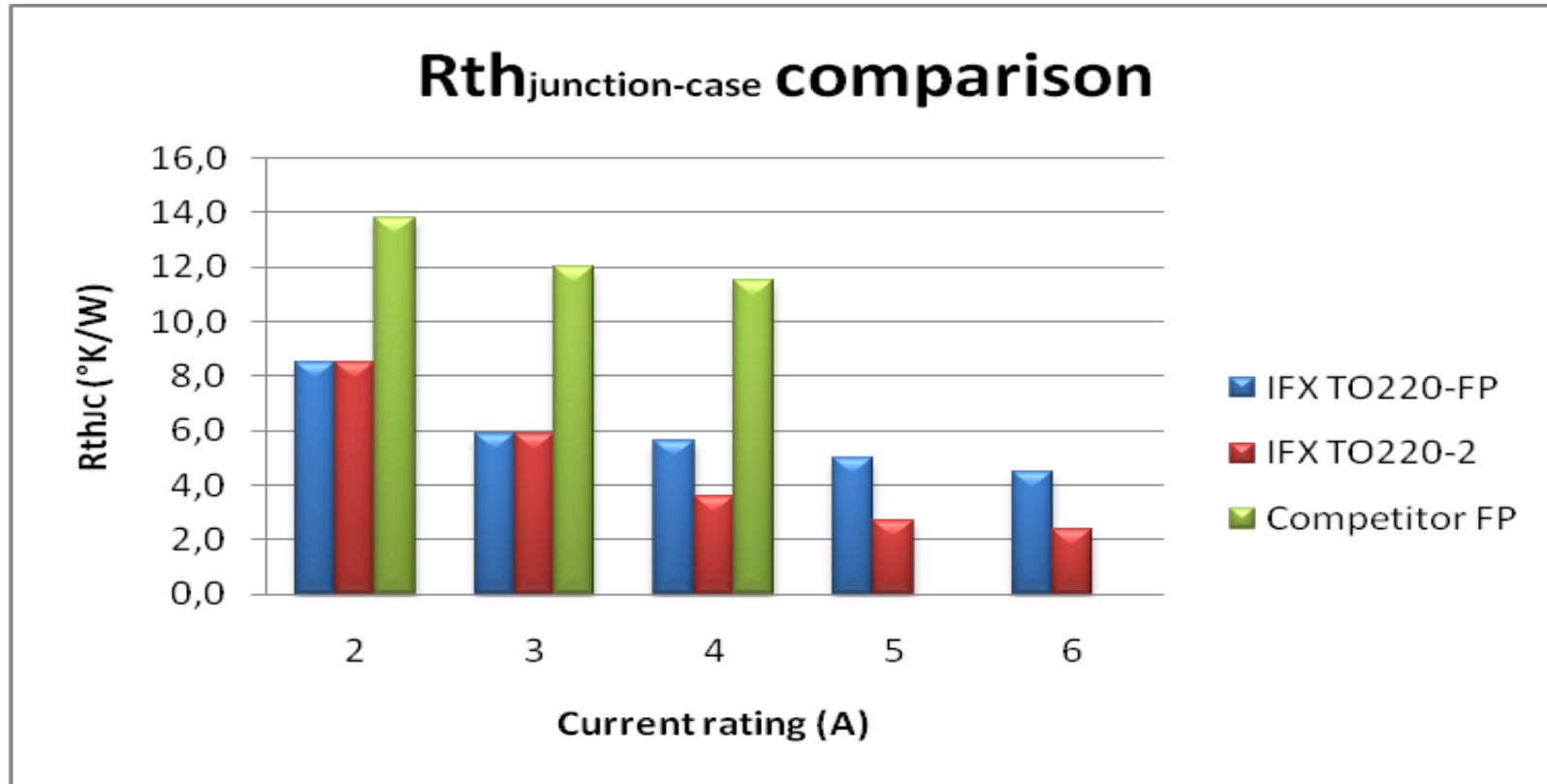


Comparable price to non isolated package



Mounting without isolating bushing and foil

Comparison of the thermal resistance between standard IFX TO-220 and TO-220 FullPAK



The graph shows the same junction-case thermal resistance as the standard TO-220 at 2A and 3A, and slightly higher values for the other current ratings.

SiC Schottky Diodes thinQ!™ Product Portfolio



Voltage (V)	IF (A)	RTH JC (°K/W)	Product
600	2	8,5	IDV02S60C
600	3	5,9	IDV03S60C
600	4	5,6	IDV04S60C
600	5	5	IDV05S60C
600	6	4,5	IDV06S60C

Infineon`s products.....

- are innovative high-performance products
- offer best-in-class technologies
- help saving energy
- reduce pollution



We are the Leader
in Energy Efficiency



ENERGY EFFICIENCY COMMUNICATIONS SECURITY

Innovative semiconductor solutions for energy efficiency, communications and security.

