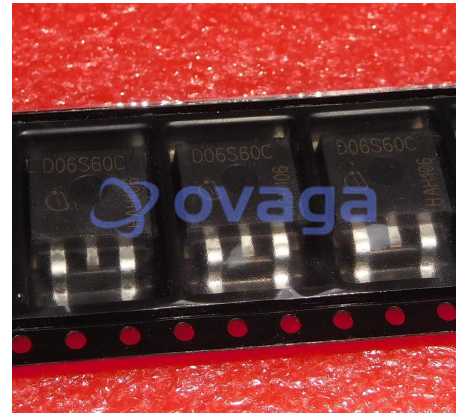


Silicon Carbide Schottky Diodes - NEW 3G now available!; Package: PG-TO220-3; Technology: thinQ!TM 2G; V: 600.0 V; IF (typ): 6.0 A; QC (typ): 15.0 nC; Package: D2PAK (TO-263), Schottky Diodes 2ND GEN THINQ 600V SiC Schottky Diode



Images are for reference only

Manufacturers	Infineon Technologies Corporation
Package/Case	D2PAK
Product Type	Diodes & Rectifiers
RoHS	Green
Lifecycle	

Please submit RFQ for IDB06S60C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

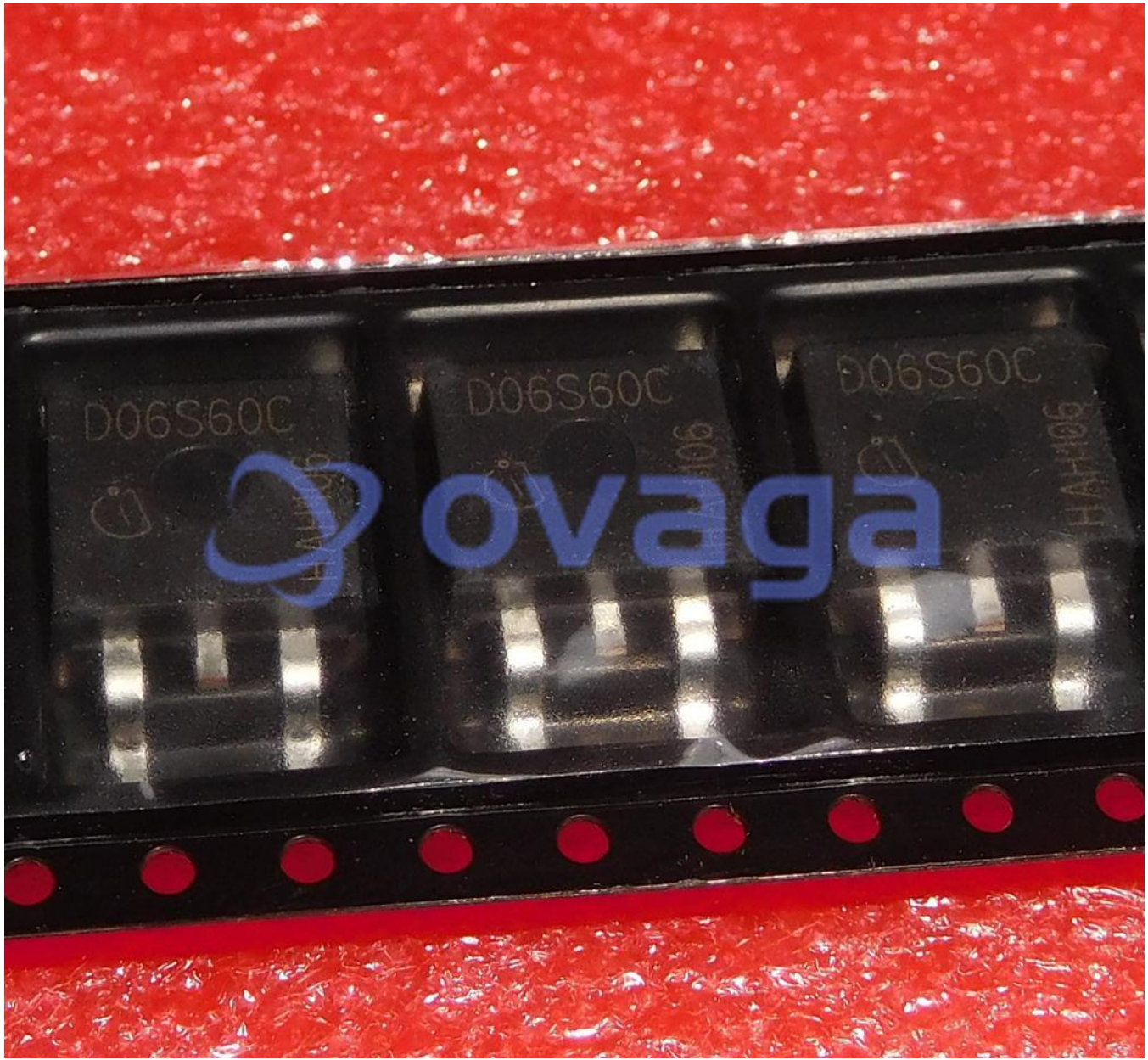
IDB06S60C is a part number for a silicon carbide (SiC) Schottky diode manufactured by Infineon Technologies. Here are some of its features:

Features

- Maximum forward current: 6A
- Reverse voltage: 600V
- Low leakage current
- Low forward voltage drop
- Fast switching speed
- High-temperature operation up to 175°C

Application

- Solar inverters
- Switched-mode power supplies
- Motor drives
- Uninterruptible power supplies (UPS)
- Battery chargers
- LED lighting



Related Products



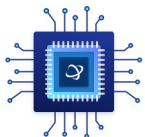
[IDH08SG60C](#)

Infineon Technologies Corporation
TO-220-2



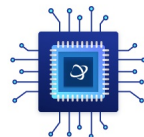
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Infineon Technologies Corporation
TO-220-2



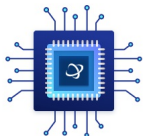
[IDL12G65C5](#)

Infineon Technologies Corporation
ThinPAK 8x8



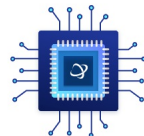
[IDL08G65C5](#)

Infineon Technologies Corporation
ThinPAK 8x8



[IDL06G65C5](#)

Infineon Technologies Corporation
ThinPAK 8x8



[IDL04G65C5](#)

Infineon Technologies Corporation
ThinPAK 8x8



[IDK10G65C5](#)

Infineon Technologies Corporation
D2PAK



[IDK06G65C5](#)

Infineon Technologies Corporation
D2PAK