

Silicon Carbide Schottky Diodes - NEW 3G now available!; Package: PG-TO220-2; Technology: thinQ!<sup>TM</sup> 3G; V: 600.0 V; IF (typ): 8.0 A; QC (typ): 12.0 nC; Package: TO-220 real 2pin,Schottky Diodes SIC DIODEN



Images are for reference only

Manufacturers	<u>Infinion Technologies Corporation</u>
Package/Case	TO-220-2
Product Type	Diodes & Rectifiers
RoHS	Rohs
Lifecycle	

Please submit RFQ for IDH08SG60C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

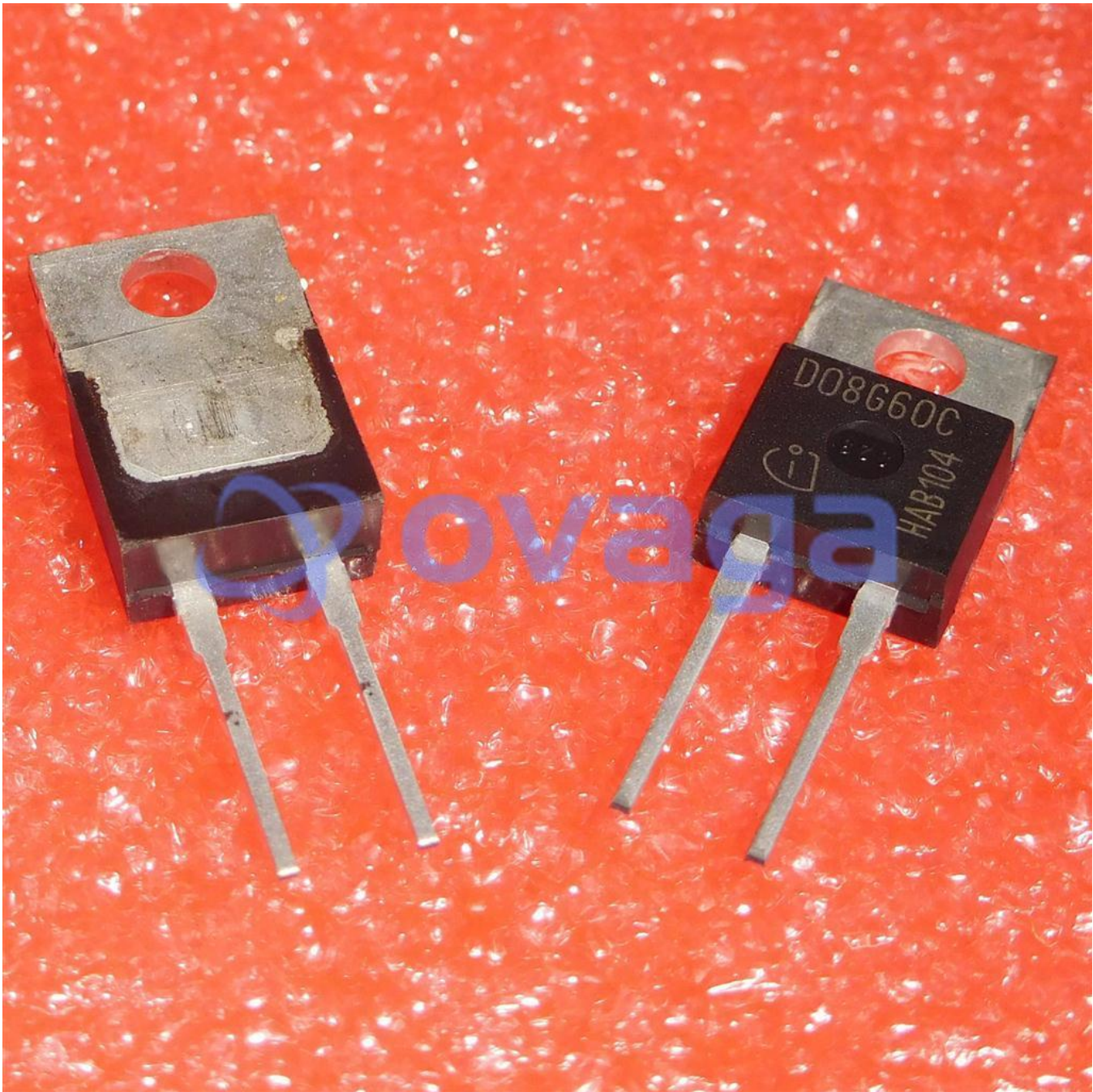
IDH08SG60C is a power module device manufactured by Infineon Technologies. It is a 600V, 8A Integrated Power Hybrid IC that includes an IGBT half-bridge and a driver circuit.

## Features

- Low power losses due to low VCEsat IGBTs and optimized driver
- Low EMI due to the soft switching behavior of the IGBTs
- High ruggedness and reliability due to the integrated temperature and overcurrent protection
- High power density due to the compact design

## Application

- Motor control in industrial and home appliances
- Switching power supplies
- Solar inverters
- UPS and power backup systems
- Welding machines



### Related Products



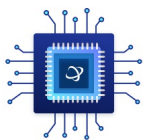
#### [IDB06S60C](#)

Infineon Technologies Corporation  
D2PAK



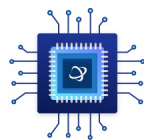
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Infineon Technologies Corporation  
TO-220-2



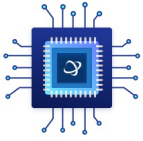
#### [IDL12G65C5](#)

Infineon Technologies Corporation  
ThinPAK 8x8



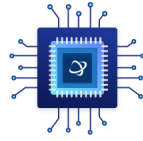
#### [IDL08G65C5](#)

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