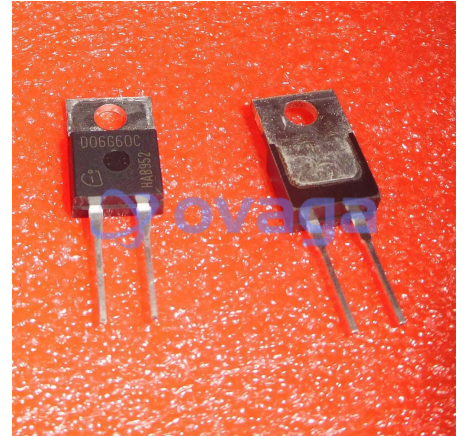


Silicon Carbide Schottky Diodes - NEW 3G now available!; Package: PG-TO220-2; Technology: thinQ!™ 3G; V: 600.0 V; IF (typ): 6.0 A; QC (typ): 8.0 nC; Package: TO-220 real 2pin, Schottky Diodes SIC DIODEN



Images are for reference only

Manufacturers	Infineon Technologies Corporation
Package/Case	TO-220-2
Product Type	Diodes & Rectifiers
RoHS	Green
Lifecycle	

Please submit RFQ for IDH06SG60C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

IDH06SG60C is a semiconductor device, specifically a power module, that is typically used in electronic applications. Here is some information about its features, applications, and equivalent parts number list:

Features

It is a six-pack (three-phase) IGBT (Insulated Gate Bipolar Transistor) power module.

It has a voltage rating of 600V.

It has a current rating of 6A.

It is designed with high reliability and low power loss.

It has built-in protection features such as short-circuit protection, over-temperature protection, and under-voltage lockout.

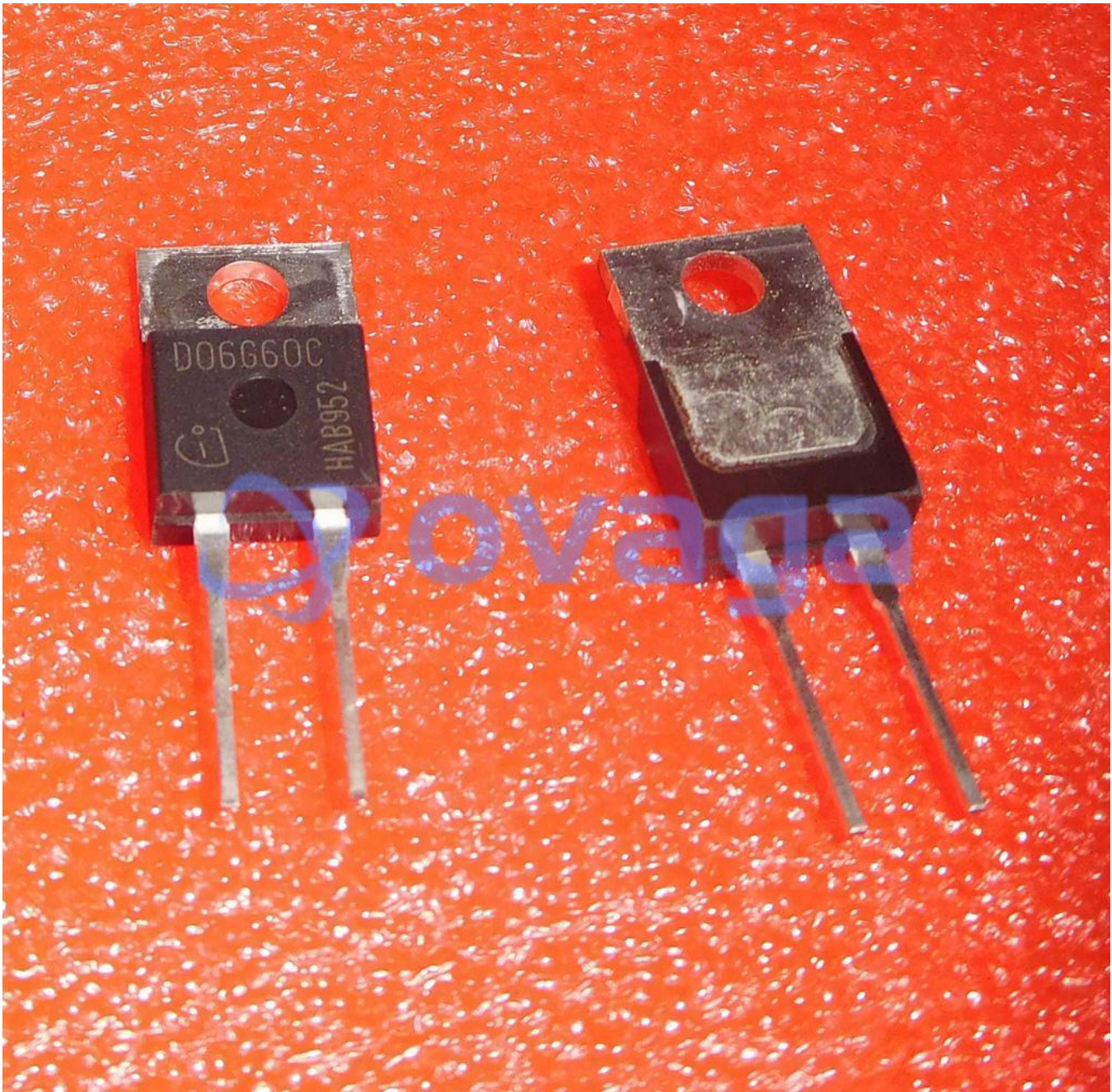
Application

Motor drives: It can be used in motor drives for various applications such as industrial automation, robotics, electric vehicles, and renewable energy systems.

Power supplies: It can be used in power supplies for applications like uninterruptible power supplies (UPS), switch-mode power supplies (SMPS), and welding machines.

Inverters: It can be used in inverters for solar power systems, wind power systems, and other renewable energy systems.

Other applications: It can also be used in various other high-voltage, high-current electronic applications where control of electrical power is required.



Related Products



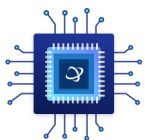
[IDH08SG60C](#)

Infineon Technologies Corporation
TO-220-2



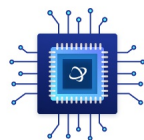
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Infineon Technologies Corporation
D2PAK



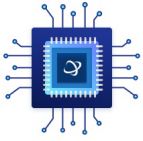
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Infineon Technologies Corporation
ThinPAK 8x8



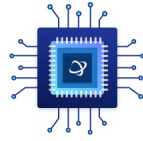
[IDL08G65C5](#)

Infineon Technologies Corporation
ThinPAK 8x8



[IDL06G65C5](#)

Infineon Technologies Corporation
ThinPAK 8x8



[IDL04G65C5](#)

Infineon Technologies Corporation
ThinPAK 8x8



[IDK10G65C5](#)

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[IDK06G65C5](#)

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