

MOSFET OptiMOS3 PWR-MOSFET N-CH

Manufacturers	Infineon Technologies Corporation
Package/Case	SUPERSO8
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BSC047N08NS3G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

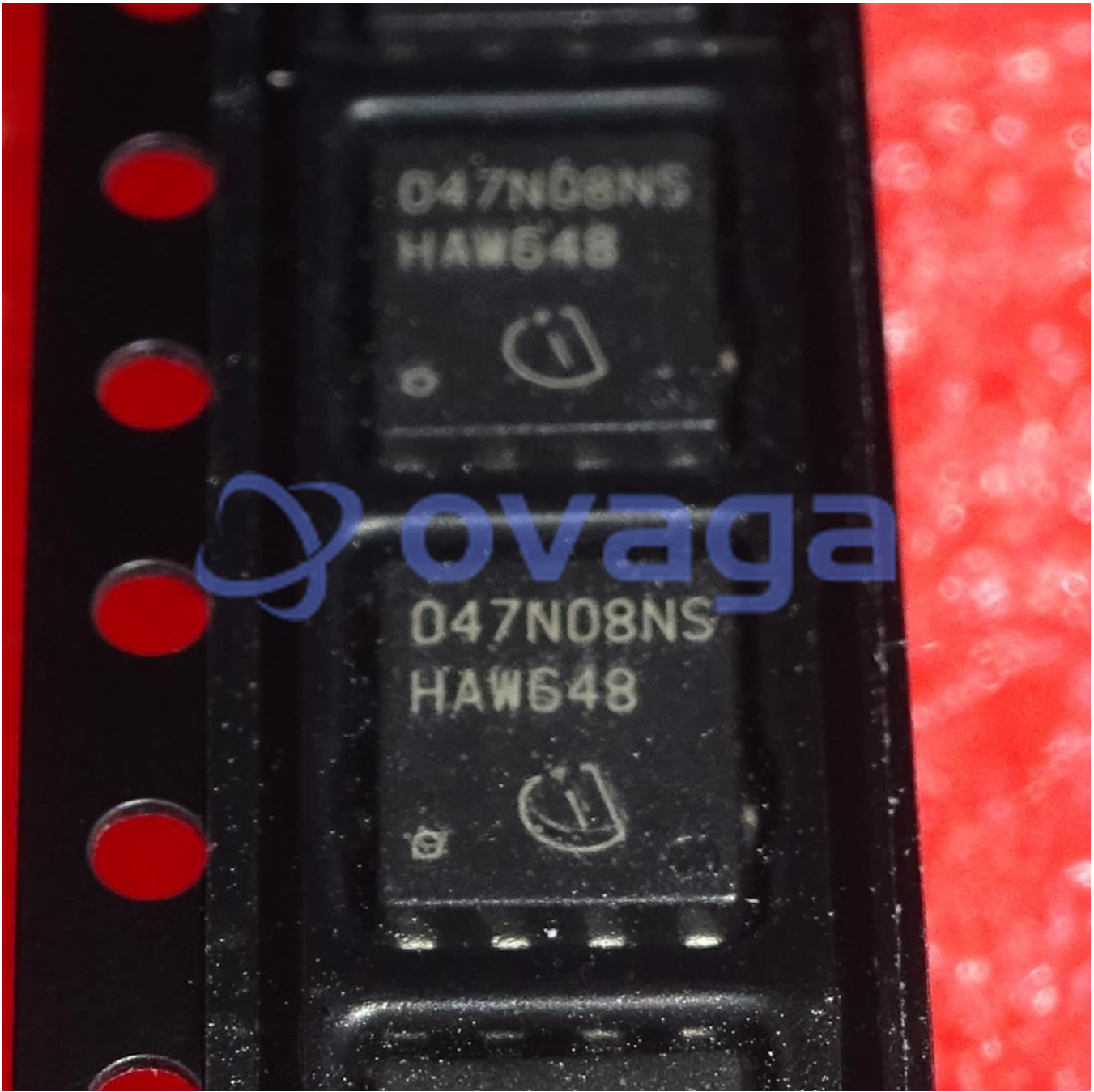
BSC047N08NS3G is a power MOSFET (Metal-Oxide-Semiconductor Field-Effect Transistor) manufactured by Infineon Technologies. It is an N-channel enhancement mode MOSFET that is designed for high current applications such as motor control, power supplies, and DC-DC converters.

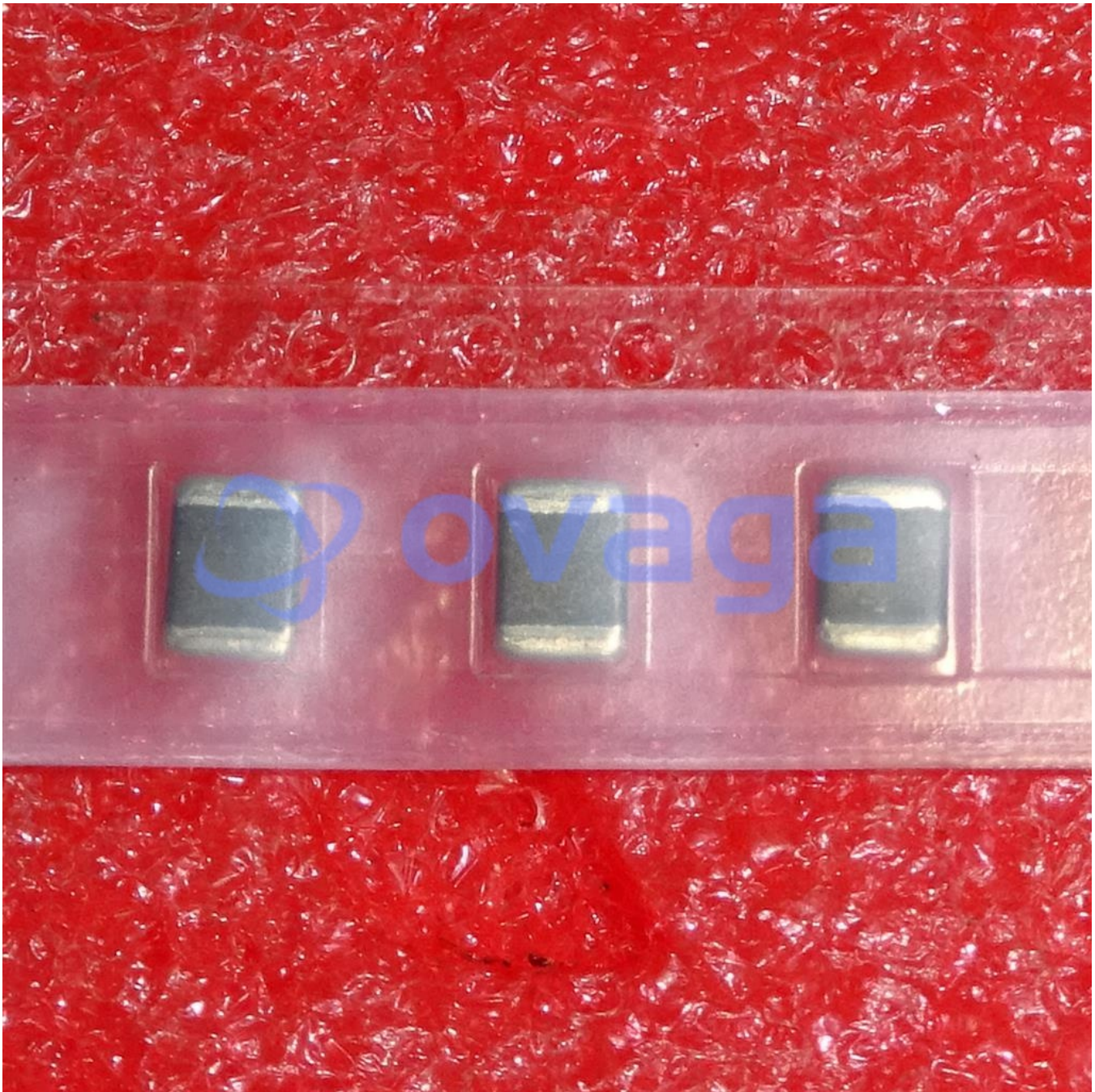
Features

- Drain-source voltage (VDS) rating of 80 volts
- Continuous drain current (ID) rating of 100 amps
- Low on-state resistance (RDS(on)) of 4.7 milliohms
- Fast switching speed
- Excellent thermal performance

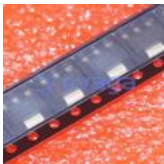
Application

- Power supplies and DC-DC converters
- Motor control
- Audio amplifiers
- High-frequency circuits
- Voltage regulators
- LED lighting





Related Products



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Infineon Technologies Corporation
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PG-TDSON-8



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