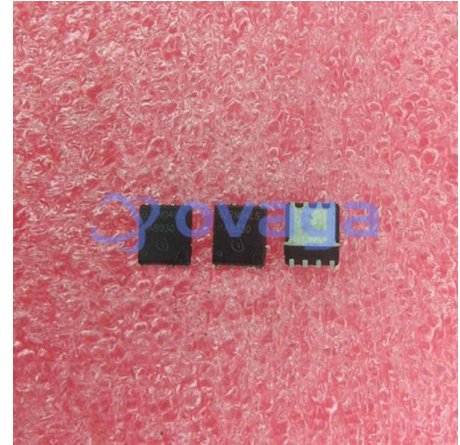


Manufacturers	Infineon Technologies Corporation
Package/Case	QFN-8
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BSC027N04LS or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

BSC027N04LS is a specific model number of a power MOSFET transistor that is produced by Infineon Technologies AG, a German semiconductor manufacturer. This particular MOSFET is designed for use in a variety of applications that require high power handling capabilities.

Features

It has a low on-state resistance of 2.7 milliohms, which makes it suitable for high power applications.

It has a maximum drain-source voltage rating of 40 volts.

It can handle a maximum continuous drain current of 120 amps.

It has a fast switching speed, which makes it suitable for use in switching power supplies and motor control applications.

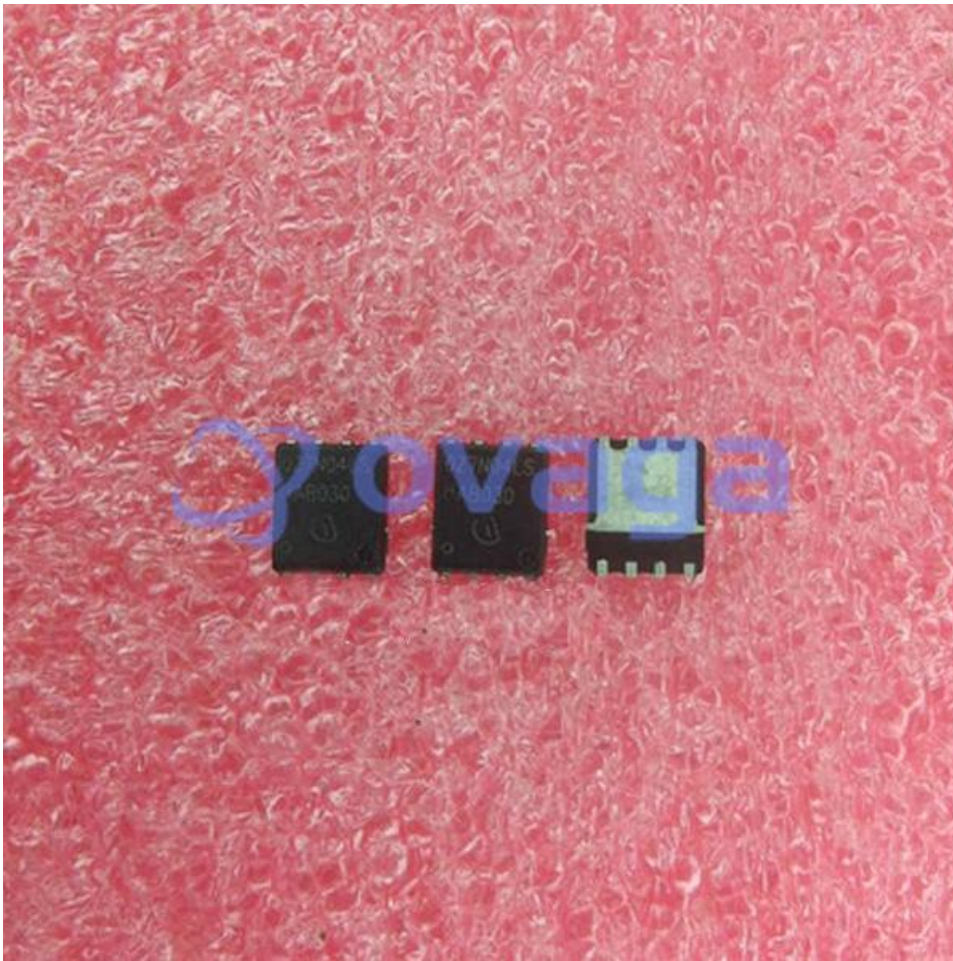
It has a low gate charge, which helps to reduce switching losses.

Application

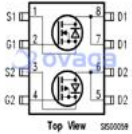
Motor control: The high power handling capabilities of this MOSFET make it suitable for use in motor control circuits for electric vehicles, industrial machines, and other high-power applications.

Power supplies: The fast switching speed and low on-state resistance of BSC027N04LS make it ideal for use in switching power supply circuits, where it can help to improve efficiency and reduce power losses.

Lighting: This MOSFET can also be used in lighting applications, such as LED drivers, where it can help to provide precise control over the current flowing through the LEDs.



Related Products



[BSO615C](#)

Infineon Technologies Corporation
SOP-8



[BSC057N08NS](#)

Infineon Technologies Corporation
QFN-8



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SOP-32



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