

MOSFET N-Ch 40V 20A TDSON-8 OptiMOS-T2

Manufacturers	Infineon Technologies Corporation
Package/Case	TDSON-8
Product Type	Transistors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for IPG20N04S4-12 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

IPG20N04S4-12 is a specific type of power MOSFET (Metal-Oxide-Semiconductor Field-Effect Transistor) that is commonly used in electronic circuits for switching applications, voltage regulation, and power amplification.

Features

It has a maximum drain-source voltage (V_{ds}) of 40 volts, which means it can handle up to 40 volts of input voltage without damage.

It has a maximum continuous drain current (I_d) of 20 amps, which means it can handle up to 20 amps of current flowing through it continuously without overheating.

It has a low on-state resistance ($R_{ds(on)}$) of 12 milliohms, which means it has a low power dissipation and can switch on and off very quickly.

Application

Switching power supplies

DC-DC converters

Motor control circuits

Audio amplifiers

LED lighting drivers



Related Products



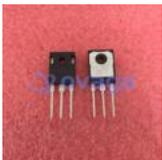
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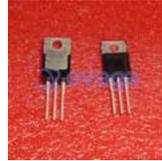
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