

N-Channel MOSFETs (>500V...900V); Package: PG-TO220-3; VDS (max): 900.0 V;
 Package: TO-220; RDS(ON) @ TJ=25°C VGS=10: 1,200.0 mOhm; ID(max) @
 TC=25°C: 5.1 A; IDpuls (max): 10.0 A; MOSFET COOL MOS PWR TRANS 900V

Manufacturers	Infineon Technologies Corporation
Package/Case	TO-220
Product Type	Transistors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for IPP90R1K2C3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

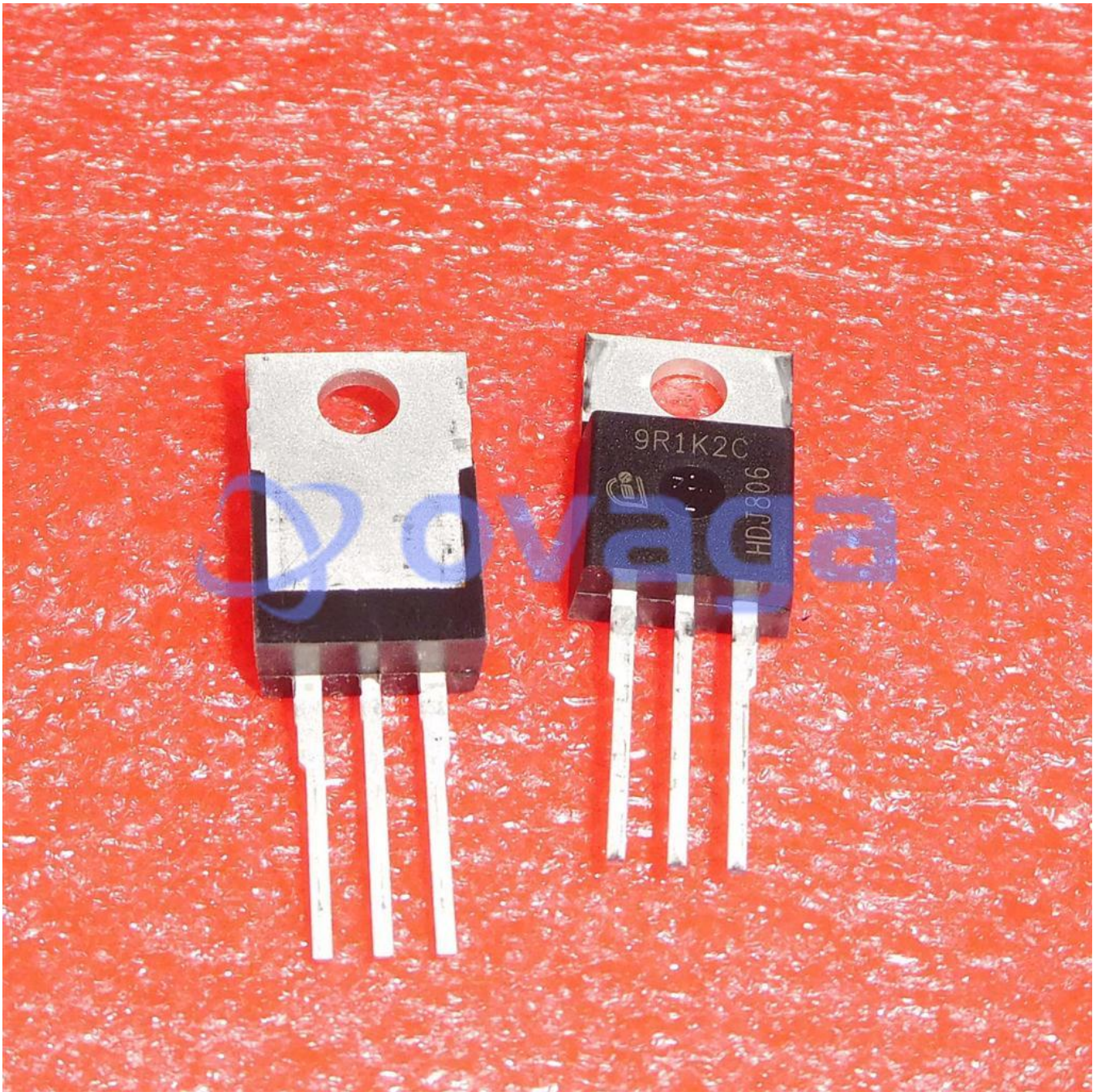
IPP90R1K2C3 is a product code for a specific type of power MOSFET transistor produced by Infineon Technologies AG. Here is some information about this component:

Features

Features: The IPP90R1K2C3 is a N-channel power MOSFET transistor that can handle a maximum voltage of 900V and a continuous current of 3.6A. It has a low on-resistance (RDS(on)) of 1.2 Ohm, which makes it efficient in power switching applications. The transistor is also designed with a fast switching speed, which makes it suitable for high-frequency applications.

Applications: This MOSFET transistor can be used in a wide range of applications where high voltage and current switching is required, such as power supplies, motor control, lighting control, and inverters.

Equivalent Parts number list: Some of the equivalent parts for IPP90R1K2C3 are IRF9Z34NPBF, STP8NK80ZFP, and FQPF10N80C. However, it's important to note that while these parts may have similar specifications, they may not be directly interchangeable with the IPP90R1K2C3 due to differences in packaging or other factors. It's always best to consult the manufacturer's datasheet and application notes for guidance on selecting a suitable replacement part.



Related Products



[IPP60R070CFD7](#)

Infineon Technologies Corporation
TO-220-3



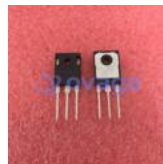
[IPB180N06S4-H1](#)

Infineon Technologies Corporation
PG-TO263-7-3



[IPG20N04S4-12](#)

Infineon Technologies Corporation
TDSON-8



[IPW65R080CFD](#)

Infineon Technologies Corporation
TO-247



[IPD25N06S4L-30](#)

Infineon Technologies Corporation
PG-TO252-3



[IPD180N10N3G](#)

Infineon Technologies Corporation
TO-252



[IPP60R074C6](#)

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TO-220-3



[IPD70R1K4P7S](#)

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TO252-3