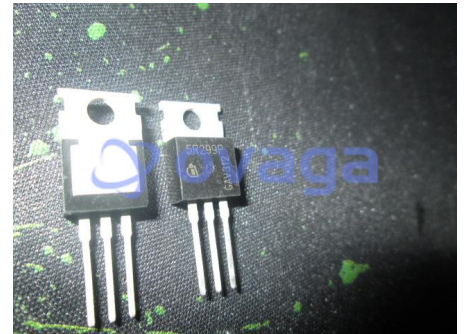


N-Channel MOSFETs (>500V...900V) VDS (max): 500.0 V; VGS=10: 299.0 mOhm;  
 ID(max) @ TC=25°C: 12.0 A; IDpuls (max): 26.0 A;;MOSFET COOL MOS PWR  
 TRANS 550V 0.299 Ohms

Manufacturers	<u>Infineon Technologies Corporation</u>
Package/Case	TO-220AB
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for IPP50R299CP or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

CoolMOS™ CP, Infineon's fifth series of CoolMOS™, is designed for hard and soft switching topologies, CCM PFC as well as PWM for ATX, notebook adapter PDP and LCD TV.

Lowest figure of merit  $R_{on} \times Q_g$

Ultra low gate charge

Extreme dv/dt rate

Ultra low  $R_{DS(on)}$ , ultra low gate charge, very fast switching

$V_{th}$  3 V,  $g_{fs}$  very high, internal  $R_g$  very low

High current capability

Significant reduction of conduction and switching losses

High power density and efficiency for superior power conversion systems

Best-in-class price/performance ratio

Solar

Server

Telecom

Consumer

Adapter

PC power

## **EiceDRIVER™ 1EDN and 2EDN Gate Driver for MOSFETs**

Download Gate Driver ICs overview

### **Features**

Lowest figure of merit R

on

g

Ultra low gate charge

Extreme dv/dt rate

Ultra low R

DS(on)

V

th

fs

g

High current capability

Significant reduction of conduction and switching losses

High power density and efficiency for superior power conversion systems

Best-in-class price/performance ratio



**Related Products**



[IPP60R070CFD7](#)  
Infineon Technologies Corporation  
TO-220-3

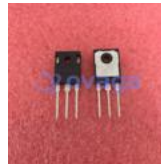


[IPB180N06S4-H1](#)  
Infineon Technologies Corporation  
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[IPG20N04S4-12](#)

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[IPW65R080CFD](#)

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