

MOSFET HIGH POWER_NEW

Manufacturers	Infineon Technologies Corporation
Package/Case	TO-220-3
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for IPP60R070CFD7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

IPP60R070CFD7 is a part number for a power MOSFET (Metal-Oxide-Semiconductor Field-Effect Transistor) manufactured by Infineon Technologies. It is a high voltage CoolMOS™ transistor with a VDS (Drain-Source Voltage) rating of 700V and a continuous drain current (ID) rating of 60A.

Features

Low conduction and switching losses: It has a low on-resistance (RDS(on)) which helps in reducing conduction losses, and low gate charge (Qg) which helps in reducing switching losses.

High efficiency: Due to its low conduction and switching losses, IPP60R070CFD7 is suitable for high efficiency power conversion applications.

Fast switching speed: IPP60R070CFD7 has a fast switching speed, which makes it suitable for applications requiring high frequency operation.

Enhanced thermal performance: It has a low thermal resistance which helps in efficient heat dissipation.

Application

Switch mode power supplies (SMPS)

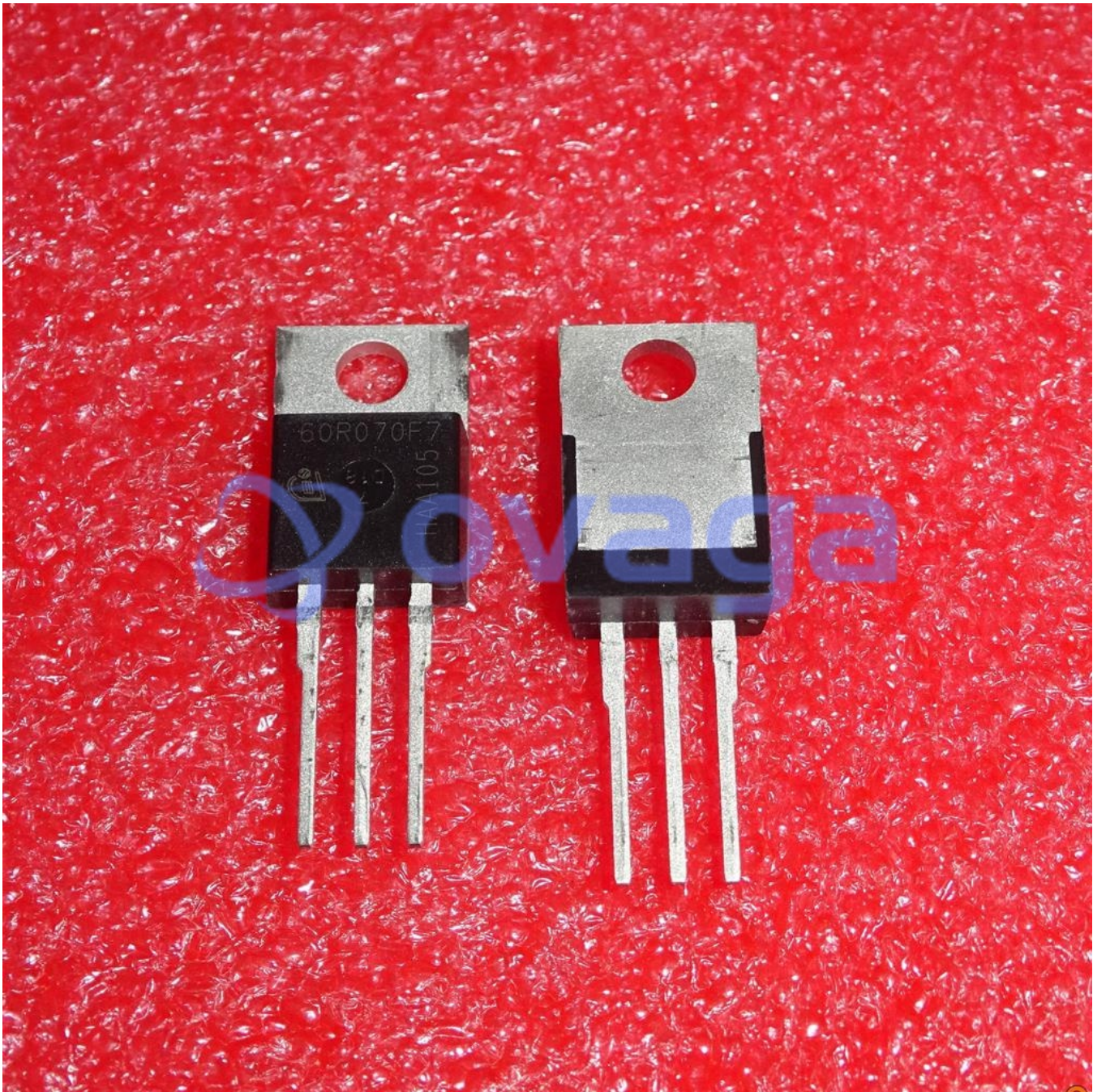
Motor drives

LED lighting

Solar inverters

Electric vehicle (EV) charging stations

Industrial power systems



Related Products



[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



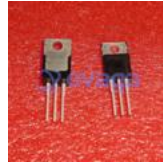
[IPP60R074C6](#)

Infineon Technologies Corporation
TO-220-3



[IPD70R1K4P7S](#)

Infineon Technologies Corporation
TO252-3



[IPP120P04P4L-03](#)

Infineon Technologies Corporation
TO-220