

MOSFET N-CH 700V 4A TO252-3

Manufacturers	Infineon Technologies Corporation
Package/Case	TO252-3
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for IPD70R1K4P7S or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

IPD70R1K4P7S is a part number for a specific type of power MOSFET (Metal-Oxide-Semiconductor Field-Effect Transistor) manufactured by Infineon Technologies, which is a global semiconductor company specializing in power and energy efficiency products. Here are some details about IPD70R1K4P7S:

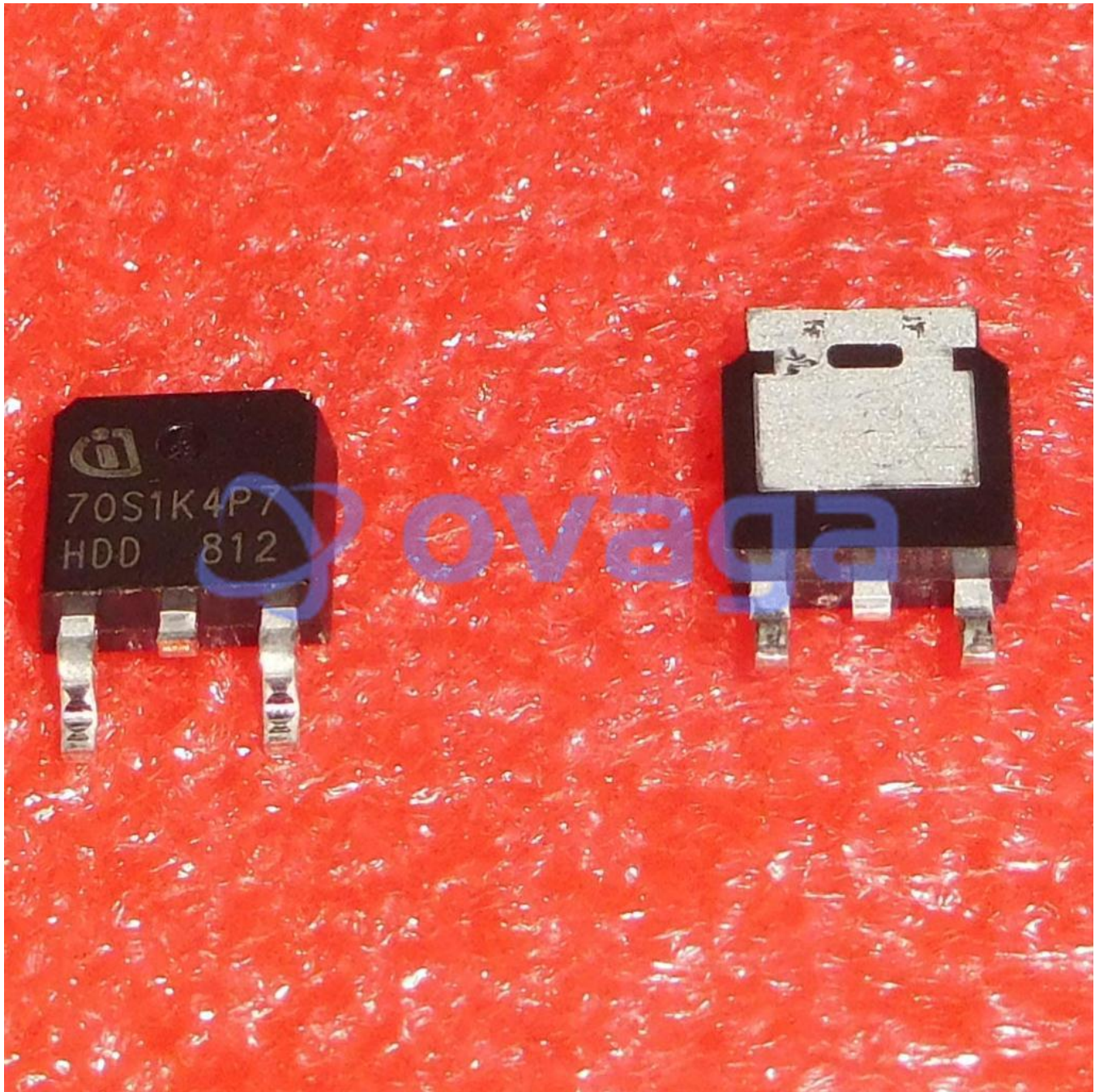
Features

- Voltage rating: 700V
- Current rating: 1A
- RDS(on) (on-resistance): 1.4 ohms (maximum) at >
- Gate threshold voltage: 2V (typical)
- Total gate charge: 5.8nC (typical)
- Fast switching performance with low switching losses
- Suitable for high-frequency switching applications
- RoHS (Restriction of Hazardous Substances) compliant

Application

- Switched-mode power supplies (SMPS)
- LED lighting drivers
- Motor control
- Inverters
- DC-DC converters
- Audio amplifiers
- Consumer electronics
- Industrial automation





Related Products



[IPP60R070CFD7](#)

Infineon Technologies Corporation
TO-220-3



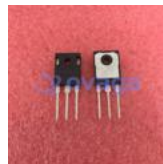
[IPB180N06S4-H1](#)

Infineon Technologies Corporation
PG-TO263-7-3



[IPG20N04S4-12](#)

Infineon Technologies Corporation
TDSON-8



[IPW65R080CFD](#)

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TO-247



[IPD25N06S4L-30](#)

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PG-TO252-3



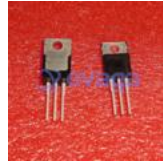
[IPD180N10N3G](#)

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[IPP60R074C6](#)

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[IPP120P04P4L-03](#)

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