

N-CHANNEL 75V - 0.0095 ohm - 80A TO-220/TO-220FP/D \square PAK STripFET[®] II POWER MOSFET

Manufacturers	STMicroelectronics, Inc
Package/Case	TO-263
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for STB75NF75 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

STB75NF75 is a Power MOSFET (Metal Oxide Semiconductor Field Effect Transistor) manufactured by STMicroelectronics, a leading semiconductor company.

Features

- It has a drain-source voltage (VDS) rating of 75 volts.
- It has a maximum continuous drain current (ID) of 80 amperes.
- It has a low on-resistance (RDS(on)) of 11 milliohms.
- It is designed with fast switching characteristics to reduce power dissipation.
- It has a TO-263 (D2PAK) package, which provides good thermal performance and high current carrying capacity.

Application

- It can be used in various power conversion applications such as DC-DC converters, motor drives, and voltage regulators.
- It can be used in power supplies, lighting systems, and automotive electronics.
- It is also suitable for high-current switching applications.



Related Products



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TO-220



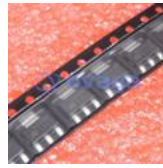
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TO-220-3



[STN951](#)

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TO-252