

IC PWR DRIVER N-CHAN 1:1 TO220AB

Manufacturers	STMicroelectronics, Inc
Package/Case	TO-220AB
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for VNP20N07 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

VNP20N07 is a part number for a Power MOSFET, which is a type of transistor used for power amplification and switching applications. Specifically, VNP20N07 is a N-channel MOSFET with a maximum drain-source voltage of 70V, a maximum continuous drain current of 20A, and a low on-state resistance of 20 milliohms.

Features

High current capacity: VNP20N07 can handle continuous drain currents of up to 20A, making it suitable for a wide range of power applications.

Low on-state resistance: With a typical on-state resistance of just 20 milliohms, VNP20N07 is able to conduct current with very little voltage drop, resulting in low power dissipation and high efficiency.

Fast switching speeds: MOSFETs like VNP20N07 are known for their fast switching speeds, which make them useful in applications like power conversion and motor control.

Application

Switching regulators: MOSFETs are often used in switching regulators, which are devices that convert DC power from one voltage level to another. VNP20N07's high current capacity and low on-state resistance make it well-suited for use in these types of applications.

Motor control: MOSFETs are also commonly used in motor control circuits, where they are used to switch power to the motor on and off. VNP20N07's fast switching speeds and high current capacity make it a good choice for motor control applications.

Lighting: MOSFETs can also be used in lighting applications, where they are used to control the amount of current flowing through an LED or other light source. VNP20N07's low on-state resistance and high current capacity make it well-suited for use in high-power lighting applications.



Related Products



[VN750PTTR-E](#)

STMicroelectronics, Inc
TO-252



[VN35NV04](#)

STMicroelectronics, Inc
D2PAK



[VN750S-E](#)

STMicroelectronics, Inc
SOP-8



[VNQ5E250AJ-E](#)

STMicroelectronics, Inc
HSSOP-16



[VN610SP](#)

STMicroelectronics, Inc
SOP-10



[VN340SPTR-E](#)

STMicroelectronics, Inc
PowerSO-12



[VN808-E](#)

STMicroelectronics, Inc
SOP36



[VN5N07-E](#)

STMicroelectronics, Inc
TO-252