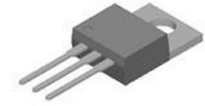


Current Limit SW 1-IN 1-OUT to 18V 28A Automotive 3-Pin(3+Tab) TO-220AB Tube



Images are for reference only

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: TO-220-3

Product Type: Switches

Lifecycle: Active

[Inquiry](#)

General Description

The VNP20N07 is a monolithic device made using STMicroelectronics VIPower Technology, intended for replacement of standard power MOSFETS in DC to 50 KHz applications.

Built-in thermal shut-down, linear current limitation and overvoltage clamp protect the chip in harsh environments. Fault feedback can be detected by monitoring the voltage at the input pin.

Key Features

STANDARD TO-220 PACKAGE

COMPATIBLE WITH STANDARD POWER MOSFET

ESD PROTECTION

DIAGNOSTIC FEEDBACK THROUGH INPUT PIN

LINEAR CURRENT LIMITATION

SHORT CIRCUIT PROTECTION

THERMAL SHUTDOWN

LOW CURRENT DRAWN FROM INPUT PIN

DIRECT ACCESS TO THE GATE OF THE POWER MOSFET (ANALOG DRIVING)

INTEGRATED CLAMP

Recommended For You

VND5N07TR-E

STMicroelectronics, Inc

TO-252

VNB20N07TR-E

STMicroelectronics, Inc

TO-263

VNP35N07-E

STMicroelectronics, Inc

TO-220-3

STGIF5CH60TS-L

STMicroelectronics, Inc
SDIP2B-26

STGIPS10K60A

STMicroelectronics, Inc
SDIP-25L

BDW93CFP

STMicroelectronics, Inc
TO-220F

TIP102

STMicroelectronics, Inc
TO-220

STP24NF10

STMicroelectronics, Inc
TO-220

TIP132

STMicroelectronics, Inc
TO-220

BDX54C

STMicroelectronics, Inc
TO-220

STGW30NC120HD

STMicroelectronics, Inc
TO-247

TIP120

STMicroelectronics, Inc
TO-220

STGIPS20K60

STMicroelectronics, Inc
SDIP-25

BUL38D

STMicroelectronics, Inc
TO-220

BU931T

STMicroelectronics, Inc
TO-220