

N-CHANNEL 100V - 4.5 mohm - 180A ISOTOP STRIPFET] POWER MOSFET,MOSFET N-Ch 100 Volt 180 A

Manufacturers	STMicroelectronics, Inc
Package/Case	SOT227
Product Type	Transistors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for STE180NE10 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

STE180NE10 is a specific type of power MOSFET (Metal-Oxide-Semiconductor Field-Effect Transistor) manufactured by STMicroelectronics. Here are some details about this component:

Features

Features:

N-channel, which means it uses electrons as the charge carrier

Enhancement mode, which means the transistor is normally turned off and needs a positive voltage applied to the gate to turn it on

100V drain-source voltage rating

180A continuous drain current rating

Low on-resistance (0.0105 ohm maximum)

Fast switching speed

TO-247 package

Applications:

STE180NE10 is designed for use in high-power applications where efficient switching is required. Some common applications include:

Switch-mode power supplies

Motor control

Class-D audio amplifiers

DC-DC converters

Welding equipment

Equivalent Parts Number List:

IRFP4568

FDP8880

IXFK180N10

FCP180N10

PSMN015-180YS

IRFP460LC

IPP180N10N3 G

Application

N-channel, which means it uses electrons as the charge carrier

Enhancement mode, which means the transistor is normally turned off and needs a positive voltage applied to the gate to turn it on

100V drain-source voltage rating

180A continuous drain current rating

Low on-resistance (0.0105 ohm maximum)

Fast switching speed

TO-247 package



Related Products



[STF42N65M5](#)

STMicroelectronics, Inc
TO-220FP



[STN3NF06](#)

STMicroelectronics, Inc
SOT-223



[STP11NM60FD](#)

STMicroelectronics, Inc
TO-220



[STP11NK50Z](#)

STMicroelectronics, Inc
TO-220-3



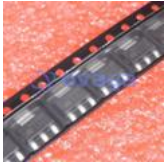
[STB75NF75](#)

STMicroelectronics, Inc
TO-263



[STN951](#)

STMicroelectronics, Inc
SOT-223



[STN9360](#)

STMicroelectronics, Inc

SOT-223



[STN83003](#)

STMicroelectronics, Inc

SOT-223