

N-channel 950V - 0.69 μ s - 10A - TO-247 Zener - Protected SuperMESH[®]
PowerMOSFET, MOSFET N-Ch 950V - 0.69 10A Zener SuperMESH

Manufacturers	STMicroelectronics, Inc
Package/Case	TO-247
Product Type	Transistors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for STW12NK95Z or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

STW12NK95Z is a Power MOSFET transistor manufactured by STMicroelectronics.

Features

It has a maximum drain-source voltage rating of 950V

It can handle a continuous drain current of 12A

It has a low on-state resistance of 0.38 ohms

It is designed for high-speed switching applications

It has a low gate charge of 33nC, which helps reduce switching losses.

Application

STW12NK95Z can be used in a variety of power conversion applications, such as switched-mode power supplies (SMPS), DC-DC converters, and motor control.

It is also suitable for use in high-frequency resonant converters, electronic ballasts, and induction heating circuits.



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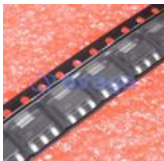
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