

STTH812 Series 8 A 1.25 V 100 ns Ultrafast Recovery Diode Surface Mount - D2PAK

Manufacturers	STMicroelectronics, Inc
Package/Case	DPAK2
Product Type	Diodes & Rectifiers
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for STTH812G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

STTH812G is a high-performance Schottky diode manufactured by STMicroelectronics. Here are some of its features:

Features

It has a voltage rating of 1200V.

It has a maximum forward current rating of 8A.

It has a low forward voltage drop, which helps to reduce power dissipation and improve efficiency.

It has a fast switching speed, which makes it suitable for use in high-frequency applications.

It has a low reverse recovery time, which helps to minimize switching losses.

Application

Power factor correction (PFC) circuits

DC-DC converters

Switched-mode power supplies (SMPS)

Inverters for solar and wind power systems

High-frequency rectification in welding and plasma cutting equipment



Related Products



[STPS1045B](#)

ST
TO252



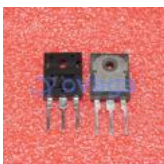
[STPS140Z](#)

STMicroelectronics, Inc
SOD-123



[STPS3H100UF](#)

STMicroelectronics, Inc
DO-221AA, SMB Flat Leads



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QNF-8