

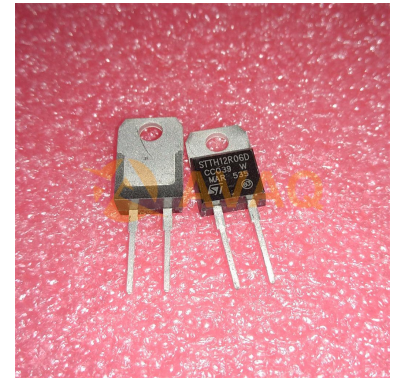
Rectifier Diode Switching 600V 12A 45ns 2-Pin(2+Tab) TO-220AC Tube

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: TO-220

Product Type: Thyristors

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

The STTH12R06, which is using ST Turbo 2 600V technology, is specially suited as boost diode in continuous mode power factor corrections and hard switching conditions.

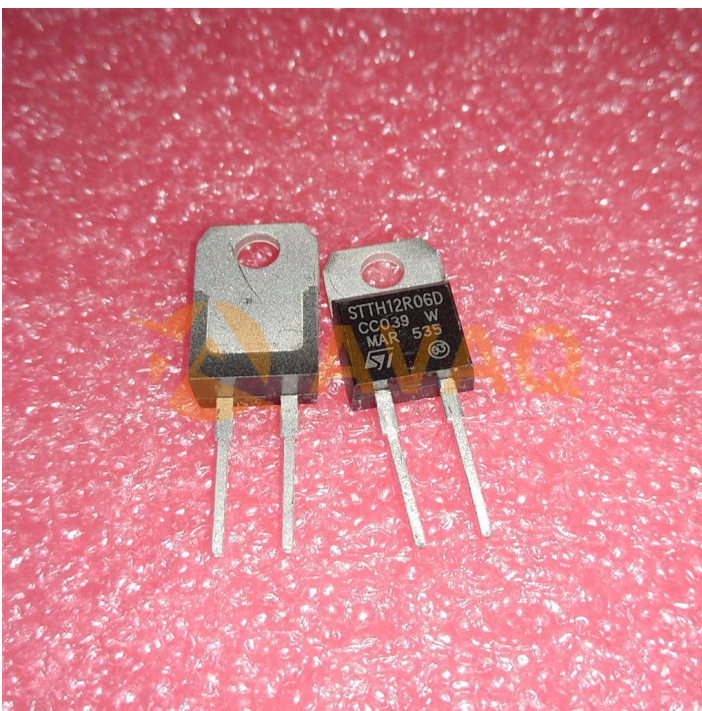
This device is also intended for use as a free wheeling diode in power supplies and other power switching applications.

Key Features

Ultrafast switching

30A Forward RMS current

1.7°C/W Junction to case thermal resistance



Recommended For You

STPS0520Z

STMicroelectronics, Inc
SOD123

STTH1602CT

STMicroelectronics, Inc
TO-220

STTH212S

STMicroelectronics, Inc
SMC

STTH2R02UY

STMicroelectronics, Inc
SMB

STPSC2H12D

STMicroelectronics, Inc
TO-220

STPS745G-TR

STMicroelectronics, Inc
TO-263

STTH30L06WY

STMicroelectronics, Inc
TO-247

STTH12R06FP

STMicroelectronics, Inc
TO-220F

STTH212U

STMicroelectronics, Inc
SMB

STTH6003CW

STMicroelectronics, Inc
TO-247

STPS2045CT

STMicroelectronics, Inc
TO-220

STPS160U

STMicroelectronics, Inc
SMB

STTH5L06FP

STMicroelectronics, Inc
TO-220F

FERD20H100STS

STMicroelectronics, Inc
TO-220

STTH5L06B-TR

STMicroelectronics, Inc
TO-252