

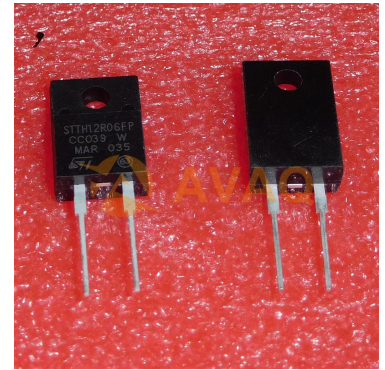
## Rectifier Diode Switching 600V 12A 45ns 2-Pin(2+Tab) TO-220FPAC Tube

**Manufacturer:** [STMicroelectronics, Inc](#)

**Package/Case:** TO-220F

**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.

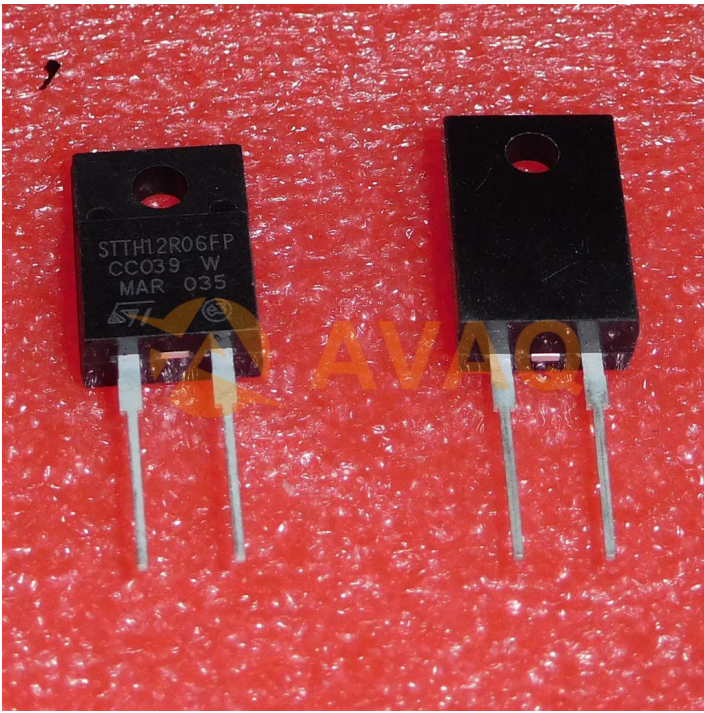
### Key Features

Ultra-fast switching

Low reverse recovery current

Low thermal resistance

Reduces switching losses



## Recommended For You

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### **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

### **STTH12R06D**

STMicroelectronics, Inc

TO-220

### **STTH212U**

STMicroelectronics, Inc

SMB

### **STTH6003CW**

STMicroelectronics, Inc

TO-247

### **STPS2045CT**

STMicroelectronics, Inc

TO-220

### **STPS160U**

STMicroelectronics, Inc

SMB

### **STTH5L06FP**

STMicroelectronics, Inc

TO-220F

### **FERD20HI00STS**

STMicroelectronics, Inc

TO-220

### **STTH5L06B-TR**

STMicroelectronics, Inc

TO-252