

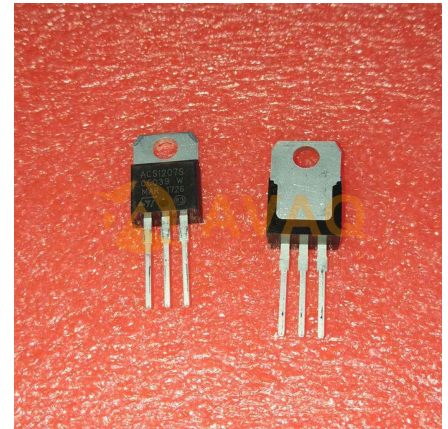
## TRIAC 700V 2A(RMS) 21A 3-Pin(3+Tab) TO-220AB Tube

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

**Package/Case:** TO-220

**Product Type:** Thyristors

**Lifecycle:** Active



Images are for reference only

[Inquiry](#)

### General Description

The ACS120 belongs to the AC line switch family. This high performance switch circuit is able to control a load of up to 2 A.

The ACS switch embeds a high voltage clamping structure to absorb the inductive turn off energy and a gate level shifter driver to separate the digital controller from the main switch. It is triggered with a negative gate current flowing out of the gate pin.

### Key Features

Needs no more external protection snubber or varistor

Enables equipment to meet IEC 61000-4-5

Reduces component count by up to 80%

Interfaces directly with the microcontroller

Eliminates any gate kick back on the microcontroller

Allows straightforward connection of several AC switches on same cooling pad

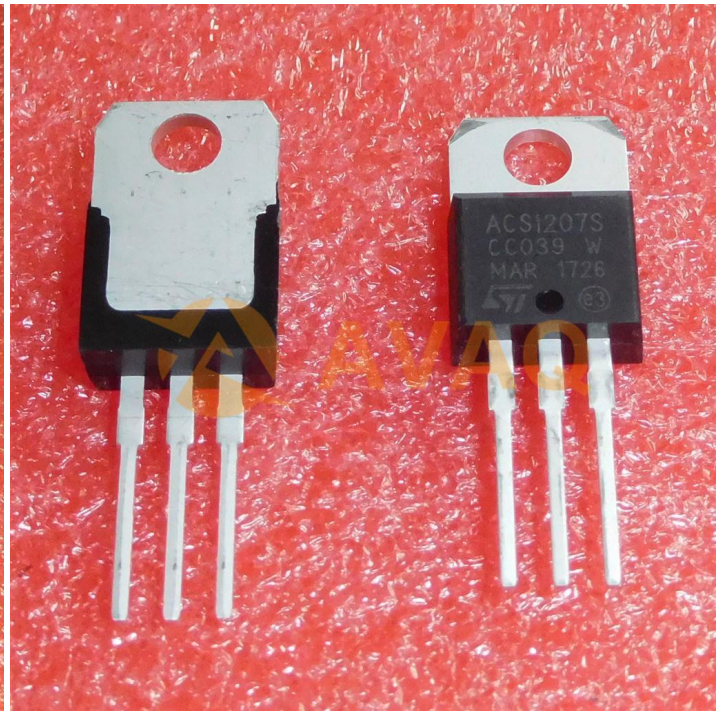
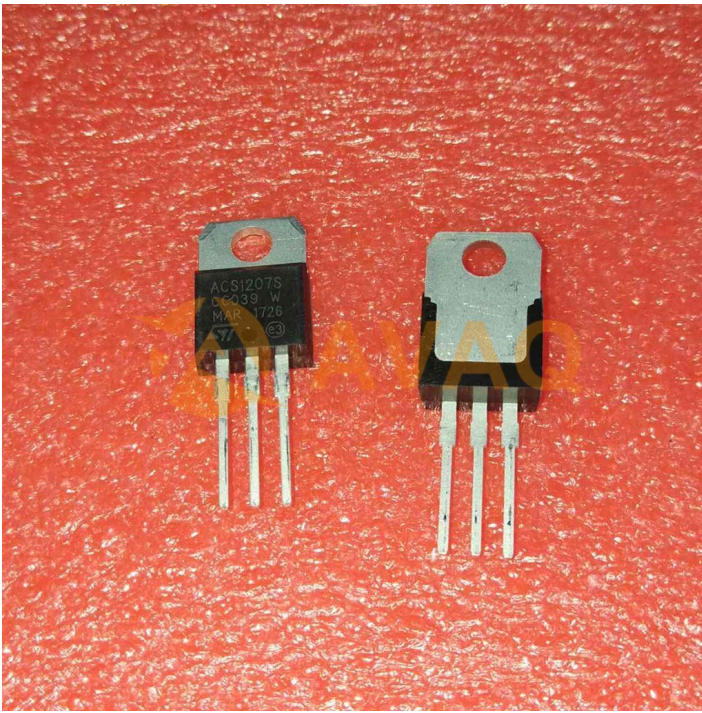
$\pm 700\text{V}$   $V_{\text{drm}}$ / $V_{\text{rrm}}$  Blocking voltage

1100V VCL Avalanche controlled

2A  $I_{\text{T(RMS)}}$  Conducting current

<10mA Gate triggering current (IGT)

High noise immunity - static  $dV/dt > 500\text{V}/\mu\text{s}$



## Recommended For You

### ACS108-6SA

STMicroelectronics, Inc

TO-92-3(StraightLead

### ACS302-5T3

STMicroelectronics, Inc

SO-20

### ACS102-6T1-TR

STMicroelectronics, Inc

SOP-8

### ACS108-6SN-TR

STMicroelectronics, Inc

SOT-223

### ACS110-7SN

STMicroelectronics, Inc

SOT223

### ACST410-8BTR

STMicroelectronics, Inc

TO-252

### ACS108-8SN-TR

STMicroelectronics, Inc

SOT-223

### ACST310-8BTR

STMicroelectronics, Inc

TO-252-3(DPAK)

### AVS1ACP08

STMicroelectronics, Inc

DIP-8

### T410-600B-TR

STMicroelectronics, Inc

TO-252

### T410-600T

STMicroelectronics, Inc

TO-220

### BIB16-800CWRG

STMicroelectronics, Inc

TO-220

### BTA16-800BWRG

STMicroelectronics, Inc

TO-220

### BTB24-800BRG

STMicroelectronics, Inc

TO-220AB

### TN1215-800G-TR

STMicroelectronics, Inc

TO-263