
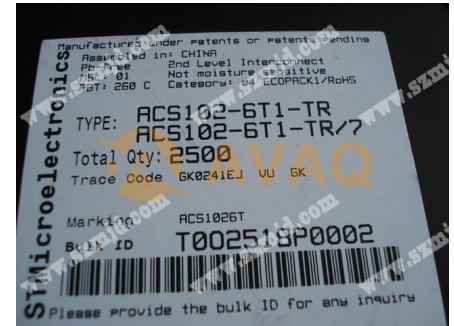


## TRIAC 600V 0.2A(RMS) 7.6A 8-Pin SO N T/R

<b>Manufacturer:</b>	<a href="#">STMicroelectronics, Inc</a>
<b>Package/Case:</b>	SOP-8
<b>Product Type:</b>	Thyristors
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The ACS102-6T belongs to the AC line switch family. This high performance switch can control a load of up to 0.2A.

The ACS102-6T switch includes an overvoltage crowbar structure to absorb the overvoltage 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 external protection snubber or varistor

Enables equipment to meet IEC 61000-4-5

Reduces component count by up to 80%

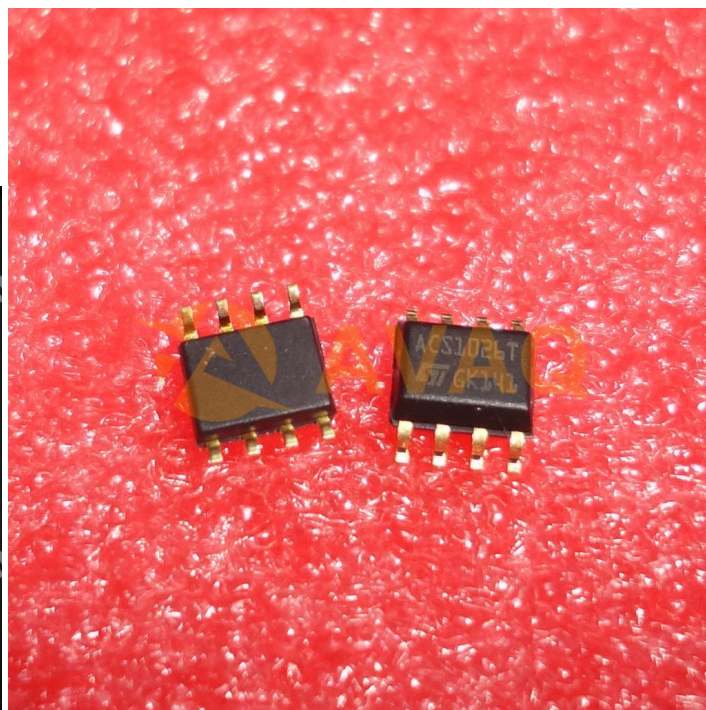
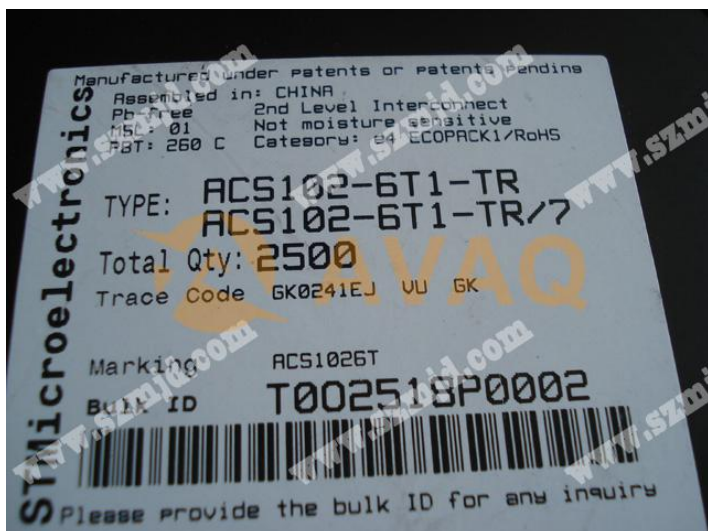
Interfaces directly with the microcontroller

Common package tab connections support connection of several alternating current switches (ACS) on the same cooling pad

Integrated structure based on ASD technology

Overvoltage protection by crowbar technology

High noise immunity - static  $dV/dt > 300V/\mu s$



## Recommended For You

### ACS108-6SA

STMicroelectronics, Inc

TO-92-3(StraightLead

### ACS120-7ST

STMicroelectronics, Inc

TO-220

### ACS302-5T3

STMicroelectronics, Inc

SO-20

### 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

### BTB16-800CWRG

STMicroelectronics, Inc

TO-220

### BTA16-800BWRG

STMicroelectronics, Inc

TO-220

### BTB24-800BRG

STMicroelectronics, Inc

TO-220AB

### TN1215-800G-TR

STMicroelectronics, Inc

TO-263