

TRIAC 600V 0.8A(RMS) 13.7A 4-Pin(3+Tab) SOT-223 T/R

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: SOT-223

Product Type: Thyristors

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

The ACS108-6SN belongs to the AC switch range (built with A. S. D. technology). This high performance switch can control a load of up to 0.8 A. These devices switch include an overvoltage crowbar 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

High noise immunity against static dV/dt and IEC 61000-4-4 burst

Needs no external protection snubber or varistor

Interfaces directly with the MCU reducing component up to 80%

Maximum gate trigger current of 10mA

Maximum gate trigger voltage of 1V

Maximum holding current is 10mA

RMS onstate current is 800mA

Operating junction temperature range from -30°C to +125°C



Recommended For You

ACS108-6SA

STMicroelectronics, Inc
TO-92-3(StraightLead

ACS120-7ST

STMicroelectronics, Inc
TO-220

ACS302-5T3

STMicroelectronics, Inc
SO-20

ACS102-6TI-TR

STMicroelectronics, Inc
SOP-8

ACS110-7SN

STMicroelectronics, Inc
SOT223

ACST410-8BIR

STMicroelectronics, Inc
TO-252

ACS108-8SN-TR

STMicroelectronics, Inc
SOT-223

ACST310-8BIR

STMicroelectronics, Inc
TO-252-3(DPAK)

AVSIACP08

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

BIB24-800BRG

STMicroelectronics, Inc
TO-220AB

TN1215-800G-TR

STMicroelectronics, Inc
TO-263