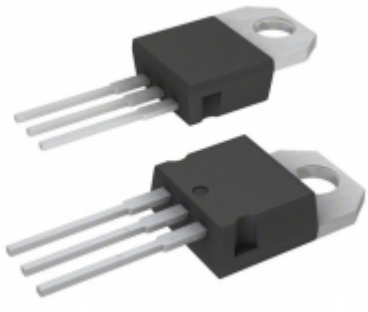


## ACST12-7ST



**Part Number:** [ACST12-7ST](#)  
**Manufacturer:** [STMicroelectronics](#)  
**Description:** TRIAC SENS GATE 700V 12A TO220AB  
**Data sheet:** [PDF ACST12](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">ACST12-7ST</a>
<b>Manufacturer</b>	<a href="#">STMicroelectronics</a>
<b>Description</b>	TRIAC SENS GATE 700V 12A TO220AB
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	62485 pcs
<b>Product Photo</b>	<a href="#">ACST12-7ST.jpg</a>
<b>Category</b>	<a href="#">Discrete Semiconductor Products</a>
<b>Voltage - Off State</b>	700V
<b>Voltage - Gate Trigger (Vgt) (Max)</b>	1V
<b>Triac Type</b>	Logic - Sensitive Gate
<b>Supplier Device Package</b>	TO-220AB
<b>Series</b>	-
<b>Packaging</b>	Tube
<b>Package / Case</b>	TO-220-3
<b>Other Names</b>	497-8747-5
<b>Operating Temperature</b>	-40°C ~ 125°C (TJ)
<b>Mounting Type</b>	Through Hole
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Detailed Description</b>	TRIAC Logic - Sensitive Gate 700V 12A Through Hole TO-220AB
<b>Current - On State (It (RMS)) (Max)</b>	12A
<b>Current - Non Rep. Surge 50, 60Hz (Itsm)</b>	120A, 126A
<b>Current - Hold (Ih) (Max)</b>	30mA
<b>Current - Gate Trigger (Igt) (Max)</b>	10mA
<b>Configuration</b>	Single
<b>Base Part Number</b>	ACST12

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">ACST2-8SB-TR</a> <b>Description:</b> TRIAC SENS GATE 800V 2A DPAK	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 73197	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST1210-7GTR</a> <b>Description:</b> TRIAC SENS GATE 700V 12A D2PAK	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 72398	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST1235-7T</a> <b>Description:</b> TRIAC 700V 12A TO220AB	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 65140	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST1010-7FP</a> <b>Description:</b> TRIAC SENS GATE 700V TO220FPAB	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 75347	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST1035-7T</a> <b>Description:</b> TRIAC 700V 10A TO220AB	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 89486	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST1210-7T</a> <b>Description:</b> TRIAC SENS GATE 700V 12A TO220AB	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 52453	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST12-7CG</a> <b>Description:</b> TRIAC 700V 12A D2PAK	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 65576	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST12-7CG-TR</a> <b>Description:</b> TRIAC 700V 12A D2PAK	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 52670	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST1235-7GTR</a> <b>Description:</b> TRIAC 700V 12A D2PAK	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 69372	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST1235-7G</a> <b>Description:</b> TRIAC 700V 12A D2PAK	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 74837	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST12-7SG-TR</a> <b>Description:</b> TRIAC SENS GATE 700V 12A D2PAK	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 34642	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">ACST1035-7FP</a> <b>Description:</b> TRIAC 700V 10A TO220FPAB	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 74195	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST1235-8FP</a> <b>Description:</b> TRIAC 800V 12A TO-220FPAB	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 61356	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST12-7SG</a> <b>Description:</b> TRIAC SENS GATE 700V 12A D2PAK	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 71086	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST1010-7T</a> <b>Description:</b> TRIAC SENS GATE 700V 10A TO220AB	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 73250	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST1635-8FP</a> <b>Description:</b> TRIAC 800V 16A TO220FPAB	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 48895	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST1035-8FP</a> <b>Description:</b> TRIAC 800V 10A TO-220FPAB	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 94752	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST1210-7G</a> <b>Description:</b> TRIAC SENS GATE 700V 12A D2PAK	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 60523	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACST12-7CT</a> <b>Description:</b> TRIAC 700V 12A TO220AB	<b>Manufacturers:</b> <a href="#">STMicroelectronics</a> <b>In Stock:</b> 49137	<a href="#">RFQ</a>

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