

## SMCJ90A R7G



**Part Number:** [SMCJ90A R7G](#)  
**Manufacturer:** [TSC \(Taiwan Semiconductor\)](#)  
**Description:** TVS DIODE 90V 146V DO214AB  
**Data sheet:** [SMCJ5.0\(A\) - SMCJ170\(A\)](#)

**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>	SMCJ90A R7G	<b>Manufacturer</b>	<a href="#">TSC (Taiwan Semiconductor)</a>
<b>Description</b>	TVS DIODE 90V 146V DO214AB	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	218872 pcs	<b>Data sheet</b>	<a href="#">SMCJ5.0(A) - SMCJ170(A)</a>
<b>Category</b>	<a href="#">Circuit Protection</a>	<b>Voltage - Reverse Standoff (Typ)</b>	90V
<b>Voltage - Clamping (Max) @ Ipp</b>	146V	<b>Voltage - Breakdown (Min)</b>	100V
<b>Unidirectional Channels</b>	1	<b>Type</b>	Zener
<b>Supplier Device Package</b>	DO-214AB (SMC)	<b>Series</b>	SMCJ
<b>Power Line Protection</b>	No	<b>Power - Peak Pulse</b>	1500W (1.5kW)
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	DO-214AB, SMC
<b>Other Names</b>	SMCJ90A R7G-ND SMCJ90AR7G	<b>Operating Temperature</b>	-55°C ~ 150°C (TJ)
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Current - Peak Pulse (10/1000µs)</b>	10.7A
<b>Capacitance @ Frequency</b>	-	<b>Applications</b>	General Purpose

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">SMCJ90A V7G</a> <b>Description:</b> TVS DIODE 90V 146V DO214AB	<b>Manufacturers:</b> <a href="#">TSC (Taiwan Semiconductor)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A-E3/9AT</a> <b>Description:</b> TVS DIODE 90V 146V DO214AB	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ9.0HE3/57T</a> <b>Description:</b> TVS DIODE 9VWM 16.9VC SMC	<b>Manufacturers:</b> <a href="#">Vishay Semiconductor Diodes Division</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A V6G</a> <b>Description:</b> TVS DIODE 90V 146V DO214AB	<b>Manufacturers:</b> <a href="#">TSC (Taiwan Semiconductor)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A</a> <b>Description:</b> TVS DIODE 90V 146V SMC	<b>Manufacturers:</b> <a href="#">Hamlin / Littelfuse</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A</a> <b>Description:</b> TVS DIODE 90VWM 146VC SMC	<b>Manufacturers:</b> <a href="#">Fairchild/ON Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A-M3/57T</a> <b>Description:</b> TVS DIODE 90V 146V DO214AB	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ9.0HE3/9AT</a> <b>Description:</b> TVS DIODE 9V 16.9V DO214AB	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ9.0E3/TR13</a> <b>Description:</b> TVS DIODE 9V 14.4V DO214AB	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A M6G</a> <b>Description:</b> TVS DIODE 90V 146V DO214AB	<b>Manufacturers:</b> <a href="#">TSC (Taiwan Semiconductor)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90</a> <b>Description:</b> TVS DIODE 90V 153.3V DO214AB	<b>Manufacturers:</b> <a href="#">Hamlin / Littelfuse</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A</a> <b>Description:</b> TVS DIODE 90V 146V DO214AB	<b>Manufacturers:</b> <a href="#">AVX Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A-HR</a> <b>Description:</b> TVS DIODE 90V 146V DO214AB	<b>Manufacturers:</b> <a href="#">Hamlin / Littelfuse</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A-13</a> <b>Description:</b> TVS DIODE 90V 146V SMC	<b>Manufacturers:</b> <a href="#">Diodes Incorporated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ9.0CE3/TR13</a> <b>Description:</b> TVS DIODE 9V 14.4V DO214AB	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A-HRA</a> <b>Description:</b> TVS DIODE 90V 146V DO214AB	<b>Manufacturers:</b> <a href="#">Hamlin / Littelfuse</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A-E3/57T</a> <b>Description:</b> TVS DIODE 90V 146V DO214AB	<b>Manufacturers:</b> <a href="#">Electro-Films (EFI) / Vishay</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A-HRAT7</a> <b>Description:</b> TVS DIODE 90V 146V DO214AB	<b>Manufacturers:</b> <a href="#">Hamlin / Littelfuse</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A</a> <b>Description:</b> TVS DIODE 90V 146V SMC	<b>Manufacturers:</b> <a href="#">Bourns, Inc.</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SMCJ90A-13-F</a> <b>Description:</b> TVS DIODE 90VWM 146VC SMC	<b>Manufacturers:</b> <a href="#">Diodes Incorporated</a>	<a href="#">RFQ</a>

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