

SMCJ7.0AHM6G





Part Number: [SMCJ7.0AHM6G](#)

Manufacturer: [TSC \(Taiwan Semiconductor\)](#)

Description: TVS DIODE 7V 12V 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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                    |                                  |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SMCJ7.0AHM6G                       | Manufacturer                     | <a href="#">TSC (Taiwan Semiconductor)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TVS DIODE 7V 12V DO214AB           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 357604 pcs                         | Data sheet                       | <a href="#">SMCJ5.0(A) - SMCJ170(A)</a>    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Circuit Protection</a> | Voltage - Reverse Standoff (Typ) | 7V                                         |
| Voltage - Clamping (Max) @ 1pp                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 12V                                | Voltage - Breakdown (Min)        | 7.78V                                      |
| Unidirectional Channels                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                                  | Type                             | Zener                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DO-214AB (SMC)                     | Series                           | Automotive, AEC-Q101, SMCJ                 |
| Power Line Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                           | No                                 | Power - Peak Pulse               | 1500W (1.5kW)                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tape & Reel (TR)                   | Package / Case                   | DO-214AB, SMC                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -55°C ~ 150°C (TJ)                 | Mounting Type                    | Surface Mount                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 (Unlimited)                      | Manufacturer Standard Lead Time  | 40 Weeks                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant         | Current - Peak Pulse (10/1000µs) | 131A                                       |
| Capacitance @ Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                  | Applications                     | Automotive                                 |
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| RELATED PRODUCTS                                                                   |                                                                                  |                                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">SMCJ7.0CA-13</a><br>Description: TVS DIODE 7V 12V SMC         | Manufacturers: <a href="#">Diodes Incorporated</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0A-HRAT7</a><br>Description: TVS DIODE 7V 12V DO214AB   | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0A-TP</a><br>Description: TVS DIODE 7V 12V DO214AB      | Manufacturers: <a href="#">Micro Commercial Components (MCC)</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0CA-E3/57T</a><br>Description: TVS DIODE 7V 12V DO214AB | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0A-HRA</a><br>Description: TVS DIODE 7V 12V DO214AB     | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0CA R7G</a><br>Description: TVS DIODE 7V 12V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0CA-13-F</a><br>Description: TVS DIODE 7V 12V SMC       | Manufacturers: <a href="#">Diodes Incorporated</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0A-M3/57T</a><br>Description: TVS DIODE 7V 12V DO214AB  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0CA</a><br>Description: TVS DIODE 7V 12V DO214AB        | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0C</a><br>Description: TVS DIODE 7V 12.6V DO214AB       | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0AHE3/9AT</a><br>Description: TVS DIODE 7VWM 12VC SMC   | Manufacturers: <a href="#">Vishay Semiconductor Diodes Division</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0CA</a><br>Description: TVS DIODE 7V 12V SMC            | Manufacturers: <a href="#">Bourns, Inc.</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0AHR7G</a><br>Description: TVS DIODE 7V 12V DO214AB     | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0CA M6G</a><br>Description: TVS DIODE 7V 12V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0A-E3/9AT</a><br>Description: TVS DIODE 7V 12V DO214AB  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0A-M3/9AT</a><br>Description: TVS DIODE 7V 12V DO214AB  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0AE3/TR13</a><br>Description: TVS DIODE 7V 12V DO214AB  | Manufacturers: <a href="#">Microsemi</a>                                     | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0A-HR</a><br>Description: TVS DIODE 7V 12V DO214AB      | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0AHE3/57T</a><br>Description: TVS DIODE 7V 12V DO214AB  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ7.0ATR</a><br>Description: TVS DIODE 7V 12V SMC           | Manufacturers: <a href="#">Sensitron Semiconductor / SMC Diode Solutions</a> | <div>RFQ</div> |

Related keywords for **SMCJ7.0AHM6G**

|                                         |                                   |                       |                    |
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