

SMCJ12CA



ON Semiconductor® 

Part Number: [SMCJ12CA](#)

Manufacturer: [AMI Semiconductor / ON Semiconductor](#)

Description: TVS DIODE 12V 19.9V SMC

Data sheet:  [DO214AB Pkg Drawing](#)  
 [SMCJ5V0\(C\)A - SMCJ170\(C\)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                      | SMCJ12CA                           | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a>                             |
| Description                      | TVS DIODE 12V 19.9V SMC            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                       |
| Quantity Available               | 258827 pcs                         | Data sheet                       | <a href="#">DO214AB Pkg Drawing</a><br><a href="#">SMCJ5V0(C)A - SMCJ170(C)A</a> |
| Category                         | <a href="#">Circuit Protection</a> | Voltage - Reverse Standoff (Typ) | 12V                                                                              |
| Voltage - Clamping (Max) @ 1pp   | 19.9V                              | Voltage - Breakdown (Min)        | 13.3V                                                                            |
| Type                             | Zener                              | Supplier Device Package          | SMC (DO-214AB)                                                                   |
| Series                           | -                                  | Power Line Protection            | No                                                                               |
| Power - Peak Pulse               | 1500W (1.5kW)                      | Packaging                        | Tape & Reel (TR)                                                                 |
| Package / Case                   | DO-214AB, SMC                      | Other Names                      | SMCJ12CA-ND<br>SMCJ12CAFSTR                                                      |
| Operating Temperature            | -                                  | Mounting Type                    | Surface Mount                                                                    |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                      | Manufacturer Standard Lead Time  | 15 Weeks                                                                         |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant         | Current - Peak Pulse (10/1000µs) | 75.3A                                                                            |
| Capacitance @ Frequency          | -                                  | Bidirectional Channels           | 1                                                                                |
| Base Part Number                 | SMCJ12                             | Applications                     | General Purpose                                                                  |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 258827 pieces of AMI Semiconductor / ON Semiconductor SMCJ12CA in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                    |                                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">SMCJ12CA V6G</a><br>Description: TVS DIODE 12V 19.9V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12CA V7G</a><br>Description: TVS DIODE 12V 19.9V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12CA-13-F</a><br>Description: TVS DIODE 12V 19.9V SMC       | Manufacturers: <a href="#">Diodes Incorporated</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12CA</a><br>Description: TVS DIODE 12V 19.9V DO214AB        | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12CA R7G</a><br>Description: TVS DIODE 12V 19.9V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12CA</a><br>Description: TVS DIODE 12VWM 19.9VC SMC         | Manufacturers: <a href="#">AVX Corporation</a>                               | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12AHM6G</a><br>Description: TVS DIODE 12V 19.9V DO214AB     | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12CA-13</a><br>Description: TVS DIODE 12V 19.9V SMC         | Manufacturers: <a href="#">Diodes Incorporated</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12AHE3/57T</a><br>Description: TVS DIODE 12V 19.9V DO214AB  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12CA-E3/9AT</a><br>Description: TVS DIODE 12V 19.9V DO214AB | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12CA M6G</a><br>Description: TVS DIODE 12V 19.9V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12AHR7G</a><br>Description: TVS DIODE 12V 19.9V DO214AB     | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12C-E3/57T</a><br>Description: TVS DIODE 12V 22V DO214AB    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12CA-E3/57T</a><br>Description: TVS DIODE 12V 19.9V DO214AB | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12C</a><br>Description: TVS DIODE 12V 20.9V DO214AB         | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12CA</a><br>Description: TVS DIODE 12V 19.9V SMC            | Manufacturers: <a href="#">Bourns, Inc.</a>                                  | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12ATR</a><br>Description: TVS DIODE 12V 19.9V SMC           | Manufacturers: <a href="#">Sensitron Semiconductor / SMC Diode Solutions</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12CA-HR</a><br>Description: TVS DIODE 12V 19.9V DO214AB     | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                           | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12AHE3/9AT</a><br>Description: TVS DIODE 12VWM 19.9VC SMC   | Manufacturers: <a href="#">Vishay Semiconductor Diodes Division</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">SMCJ12C-E3/9AT</a><br>Description: TVS DIODE 12V 22V DO214AB    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>                  | <div>RFQ</div> |

| Related keywords for SMCJ12CA                          |                                                    |                                    |                                                       |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------|-------------------------------------------------------|
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