

P6SMB16A M4G





**Part Number:** [P6SMB16A M4G](#)

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

**Description:** TVS DIODE 13.6V 22.5V DO214AA

**Data sheet:**  [P6SMB6.8\(A\) - P6SMB220\(A\)](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                    |                                  |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | P6SMB16A M4G                       | Manufacturer                     | <a href="#">TSC (Taiwan Semiconductor)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TVS DIODE 13.6V 22.5V DO214AA      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 398979 pcs                         | Data sheet                       | <a href="#">P6SMB6.8(A) - P6SMB220(A)</a>  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Circuit Protection</a> | Voltage - Reverse Standoff (Typ) | 13.6V                                      |
| Voltage - Clamping (Max) @ 1pp                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 22.5V                              | Voltage - Breakdown (Min)        | 15.2V                                      |
| Unidirectional Channels                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                                  | Type                             | Zener                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DO-214AA (SMB)                     | Series                           | P6SMB                                      |
| Power Line Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                           | No                                 | Power - Peak Pulse               | 600W                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tape & Reel (TR)                   | Package / Case                   | DO-214AA, SMB                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | P6SMB16A M4G-ND<br>P6SMB16AM4G     | Operating Temperature            | -55°C ~ 150°C (TJ)                         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Surface Mount                      | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12 Weeks                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Current - Peak Pulse (10/1000µs)                                                                                                                                                                                                                                                                                                                                                                                                                                                | 28A                                | Capacitance @ Frequency          | -                                          |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | General Purpose                    |                                  |                                            |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                                                     |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">P6SMB16AT3</a><br>Description: TVS DIODE 13.6V 22.5V SMB         | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB16A-E3/5B</a><br>Description: TVS DIODE 13.6V 22.5V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160CA-M3/5B</a><br>Description: TVS DIODE 136V 219V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB16AHM4G</a><br>Description: TVS DIODE 13.6V 22.5V DO214AA   | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160CAHE3/52</a><br>Description: TVS DIODE 136V 219V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160CAHR5G</a><br>Description: TVS DIODE 136V 219V DO214AA   | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB16AHR5G</a><br>Description: TVS DIODE 13.6V 22.5V DO214AA   | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160CAHE3/5B</a><br>Description: TVS DIODE 136V 219V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160CA-E3/5B</a><br>Description: TVS DIODE 136V 219V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB16AHE3/5B</a><br>Description: TVS DIODE 13.6V 22.5V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB16A</a><br>Description: TVS DIODE 13.6V 22.5V DO214AA       | Manufacturers: <a href="#">Bourns, Inc.</a>                                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160CAHM4G</a><br>Description: TVS DIODE 136V 219V DO214AA   | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB16AHE3/52</a><br>Description: TVS DIODE 13.6V 22.5V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160CA-E3/52</a><br>Description: TVS DIODE 136V 219V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB16A</a><br>Description: TVS DIODE 13.6V 22.5V DO214AA       | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB16A R5G</a><br>Description: TVS DIODE 13.6V 22.5V DO214AA   | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB16A-M3/5B</a><br>Description: TVS DIODE 13.6V 22.5V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB16A-M3/52</a><br>Description: TVS DIODE 13.6V 22.5V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160CA-M3/52</a><br>Description: TVS DIODE 136V 219V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB16A-E3/52</a><br>Description: TVS DIODE 13.6V 22.5V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI)</a> / <a href="#">Vishay</a>         | <a href="#">RFQ</a> |

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