

P6SMB15CAHR5G





**Part Number:** [P6SMB15CAHR5G](#)

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

**Description:** TVS DIODE 12.8V 21.2V 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | P6SMB15CAHR5G                      | Manufacturer                     | <a href="#">TSC (Taiwan Semiconductor)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TVS DIODE 12.8V 21.2V DO214AA      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 402830 pcs                         | Data sheet                       | <a href="#">P6SMB6.8(A) - P6SMB220(A)</a>  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Circuit Protection</a> | Voltage - Reverse Standoff (Typ) | 12.8V                                      |
| Voltage - Clamping (Max) @ 1pp                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 21.2V                              | Voltage - Breakdown (Min)        | 14.3V                                      |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Zener                              | Supplier Device Package          | DO-214AA (SMB)                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Automotive, AEC-Q101, P6SMB        | Power Line Protection            | No                                         |
| Power - Peak Pulse                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 600W                               | Packaging                        | Tape & Reel (TR)                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DO-214AA, SMB                      | Operating Temperature            | -55°C ~ 150°C (TJ)                         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Surface Mount                      | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20 Weeks                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Current - Peak Pulse (10/1000µs)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 29A                                | Capacitance @ Frequency          | -                                          |
| Bidirectional Channels                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                  | Applications                     | Automotive                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all TSC (Taiwan Semiconductor) series electronic components. We have 402830 pieces of TSC (Taiwan Semiconductor) P6SMB15CAHR5G in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                    |                                  |                                            |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                                     |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">P6SMB15CA-E3/5B</a><br>Description: TVS DIODE 12.8V 21.2V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160</a><br>Description: TVS DIODE 136V 229.95V DO214AA       | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB15CA-E3/52</a><br>Description: TVS DIODE 12.8V 21.2V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB15CAT3G</a><br>Description: TVS DIODE 12.8V 21.2V SMB        | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160A-E3/52</a><br>Description: TVS DIODE 136VWM 219VC SMB    | Manufacturers: <a href="#">Vishay Semiconductor Diodes Division</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB15CAT3</a><br>Description: TVS DIODE 12.8V 21.2V SMB         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160A M4G</a><br>Description: TVS DIODE 136V 219V DO214AA     | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160A</a><br>Description: TVS DIODE 136V 219V DO214AA         | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160A R5G</a><br>Description: TVS DIODE 136V 219V DO214AA     | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB15CA M4G</a><br>Description: TVS DIODE 12.8V 21.2V DO214AA   | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB15CAHE3/5B</a><br>Description: TVS DIODE 12.8V 21.2V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB15CA TR13</a><br>Description: TVS DIODE 12.8V 21.2V SMB      | Manufacturers: <a href="#">Central Semiconductor</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB15CAHM4G</a><br>Description: TVS DIODE 12.8V 21.2V DO214AA   | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160A-E3/5B</a><br>Description: TVS DIODE 136V 219V DO214AA   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB15CA-M3/5B</a><br>Description: TVS DIODE 12.8V 21.2V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB15CAHE3/52</a><br>Description: TVS DIODE 12.8V 21.2V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB16</a><br>Description: TVS DIODE 13.6V 23.63V DO214AA        | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB15CA R5G</a><br>Description: TVS DIODE 12.8V 21.2V DO214AA   | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB15CA-M3/52</a><br>Description: TVS DIODE 12.8V 21.2V DO214AA | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">P6SMB160A</a><br>Description: TVS DIODE 136V 219V DO214AA         | Manufacturers: <a href="#">Bourns, Inc.</a>                         | <a href="#">RFQ</a> |

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|-------------------------------------------|------------------------------------|------------------------|---------------------|
| Related keywords for <b>P6SMB15CAHR5G</b> |                                    |                        |                     |
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