

PGSMAJ51CA E3G



Part Number:

PGSMAJ51CA E3G

Manufacturer:

TSC (Taiwan Semiconductor)

Description:

DIODE, TVS, BIDIRECTIONAL

Data sheet:

 [PGSMAJ10A - PGSMAJ100A](#)

RoHs Status:

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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                    |                                  |                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PGSMAJ51CA E3G                     | Manufacturer                     | <a href="#">TSC (Taiwan Semiconductor)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DIODE, TVS, BIDIRECTIONAL          | Lead Free Status / RoHS Status   |                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 683333 pcs                         | Data sheet                       | <a href="#">PGSMAJ10A - PGSMAJ100A</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Circuit Protection</a> | Voltage - Reverse Standoff (Typ) | 51V                                        |
| Voltage - Clamping (Max) @ 1pp                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 82.4V                              | Voltage - Breakdown (Min)        | 56.7V                                      |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Zener                              | Supplier Device Package          | DO-214AC (SMA)                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Automotive, AEC-Q101               | Power Line Protection            | No                                         |
| Power - Peak Pulse                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 400W                               | Packaging                        | Tape & Reel (TR)                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DO-214AC, SMA                      | Other Names                      | PGSMAJ51CAR3GTR<br>PGSMAJ51CAR3GTR-ND      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -55°C ~ 175°C (TJ)                 | Mounting Type                    | Surface Mount                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                      | Manufacturer Standard Lead Time  | 21 Weeks                                   |
| Current - Peak Pulse (10/1000µs)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4.9A                               | Capacitance @ Frequency          | -                                          |
| Bidirectional Channels                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1                                  | Applications                     | Automotive                                 |
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