



### **S1GB M4G Information**

Heisener.com

Part Number S1GB M4G

Manufacturer TSC America Inc.

**Category** Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE, 1A, 400V, DO-214AA (SMB)

Package DO-214AA, SMB

For the pricing/inventory/lead time, please contact

us

For Reference Only Website: https://www.heisener.com

E-mail: salesdept@heisener.com



Request a Quote

## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **S1GB M4G Specifications**

| Manufacturer Part NumberS1GB M4GManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr5μA @ 400VCapacitance @ Vr, F12pF @ 4V, 1MHz  |                                   |  |
|---|-----------------------------------|--|
| CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr5μA @ 400VCapacitance @ Vr, F12pF @ 4V, 1MHz  | Manufacturer Part Number          | S1GB M4G                               |
| Diodes - Rectifiers - Single           Package         DO-214AA, SMB           Series         -           Diode Type         Standard           Voltage - DC Reverse (Vr) (Max)         400V           Current - Average Rectified (Io)         1A           Voltage - Forward (Vf) (Max) @ If         1.1V @ 1A           Speed         Standard Recovery >500ns, > 200mA (Io)           Reverse Recovery Time (trr)         -           Current - Reverse Leakage @ Vr         5μA @ 400V           Capacitance @ Vr, F         12pF @ 4V, 1MHz | Manufacturer                      | TSC America Inc.                       |
| Package DO-214AA, SMB  Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 400V  Current - Average Rectified (Io) 1A  Voltage - Forward (Vf) (Max) @ If 1.1V @ 1A  Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) -  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F 12pF @ 4V, 1MHz   | Category                          | Discrete Semiconductor Products        |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$   |                                   | Diodes - Rectifiers - Single           |
| Diode TypeStandardVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr5μA @ 400VCapacitance @ Vr, F12pF @ 4V, 1MHz  | Package                           | DO-214AA, SMB                          |
| Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  12pF @ 4V, 1MHz  | Series                            | -                                      |
| $ \begin{array}{llllllllllllllllllllllllllllllllllll$   | Diode Type                        | Standard                               |
| $\begin{tabular}{lllllllllllllllllllllllllllllllllll$   | Voltage - DC Reverse (Vr) (Max)   | 400V                                   |
| Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  12pF @ 4V, 1MHz   | Current - Average Rectified (Io)  | 1A                                     |
| Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr5μA @ 400VCapacitance @ Vr, F12pF @ 4V, 1MHz  | Voltage - Forward (Vf) (Max) @ If | 1.1V @ 1A                              |
| Current - Reverse Leakage @ Vr Capacitance @ Vr, F  5μA @ 400V  12pF @ 4V, 1MHz   | Speed                             | Standard Recovery >500ns, > 200mA (Io) |
| Capacitance @ Vr, F 12pF @ 4V, 1MHz   | Reverse Recovery Time (trr)       | -                                      |
| •   | Current - Reverse Leakage @ Vr    | 5μA @ 400V                             |
|   | Capacitance @ Vr, F               | 12pF @ 4V, 1MHz                        |
| Mounting Type Surface Mount   | Mounting Type                     | Surface Mount                          |
| Package / Case DO-214AA, SMB  | Package / Case                    | DO-214AA, SMB                          |
| Supplier Device Package DO-214AA (SMB)  | Supplier Device Package           | DO-214AA (SMB)                         |
| Operating Temperature - Junction $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$   | Operating Temperature - Junction  | -55°C ~ 150°C                          |
| Report errors?  |                                   | Report errors?                         |

### **S1GB M4G Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# **S1GB M4G Payment Methods**





















### **S1GB M4G Shipping Methods**













If you have any question about S1GB M4G, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com