



SS14HR3G Information

Heisener.com

Part Number SS14HR3G

Manufacturer TSC America Inc.

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE, SCHOTTKY, STANDARD, 1A, 4

DO-214AC, SMA **Package**

For the pricing/inventory/lead time, please contact

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

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SS14HR3G Specifications

| Manufacturer Part NumberSS14HR3GManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsBackageDO-214AC, SMASeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If500mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 125°CReport errors? | SSI IIII G Specifications | |
|--|-----------------------------------|--------------------------------------|
| Category Discrete Semiconductor Products Diodes - Rectifiers - Single DO-214AC, SMA Series Automotive, AEC-Q101 Diode Type Schottky Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction DO-214AC (SMA) -55°C ~ 125°C | Manufacturer Part Number | SS14HR3G |
| Diodes - Rectifiers - SinglePackageDO-214AC, SMASeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If500mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 125°C | Manufacturer | TSC America Inc. |
| PackageDO-214AC, SMASeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If500mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 125°C | Category | Discrete Semiconductor Products |
| SeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If500mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 125°C | | Diodes - Rectifiers - Single |
| Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If500mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 125°C | Package | DO-214AC, SMA |
| Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery = < 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 200µA @ 40V Capacitance @ Vr, F Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction 40V 1A 500mV @ | Series | Automotive, AEC-Q101 |
| Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction | Diode Type | Schottky |
| Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction 500mV @ 1A | Voltage - DC Reverse (Vr) (Max) | 40V |
| SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 125°C | Current - Average Rectified (Io) | 1A |
| Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 125°C | Voltage - Forward (Vf) (Max) @ If | 500mV @ 1A |
| Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction 200μA @ 40V -55°C ~ 125°C | Speed | Fast Recovery =< 500ns, > 200mA (Io) |
| Capacitance @ Vr, F Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction -55°C ~ 125°C | Reverse Recovery Time (trr) | - |
| Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction -55°C ~ 125°C | Current - Reverse Leakage @ Vr | 200μA @ 40V |
| Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction -55°C ~ 125°C | Capacitance @ Vr, F | - |
| Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction -55°C ~ 125°C | Mounting Type | Surface Mount |
| Operating Temperature - Junction -55°C ~ 125°C | Package / Case | DO-214AC, SMA |
| | Supplier Device Package | DO-214AC (SMA) |
| Report errors? | Operating Temperature - Junction | -55°C ~ 125°C |
| | | Report errors? |

SS14HR3G 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.

SS14HR3G Payment Methods



















SS14HR3G Shipping Methods













If you have any question about SS14HR3G, please do not hesitate to contact us!

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