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S6BR Information

Part Number S6BR

Manufacturer GeneSiC Semiconductor

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP REV 100V 6A DO4

Package DO-203AA, DO-4, Stud

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



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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.









S6BR Specifications

Manufacturer Part NumberS6BRManufacturerGeneSiC SemiconductorCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-203AA, DO-4, StudSeries-Diode TypeStandard, Reverse PolarityVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)6AVoltage - Forward (Vf) (Max) @ If1.1V @ 6ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-4Operating Temperature - Junction-65°C ~ 175°CReport errors?	Sobit specifications	
CategoryDiscrete Semiconductor Products Diodes - Rectifiers - SinglePackageDO-203AA, DO-4, StudSeries-Diode TypeStandard, Reverse PolarityVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)6AVoltage - Forward (Vf) (Max) @ If1.1V @ 6ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-4Operating Temperature - Junction-65°C ~ 175°C	Manufacturer Part Number	S6BR
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PackageDO-203AA, DO-4, StudSeries-Diode TypeStandard, Reverse PolarityVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)6AVoltage - Forward (Vf) (Max) @ If1.1V @ 6ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-4Operating Temperature - Junction-65°C ~ 175°C	Category	Discrete Semiconductor Products
Series-Diode TypeStandard, Reverse PolarityVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)6AVoltage - Forward (Vf) (Max) @ If1.1V @ 6ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-4Operating Temperature - Junction-65°C ~ 175°C		Diodes - Rectifiers - Single
Diode TypeStandard, Reverse PolarityVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)6AVoltage - Forward (Vf) (Max) @ If1.1V @ 6ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-4Operating Temperature - Junction-65°C ~ 175°C	Package	DO-203AA, DO-4, Stud
Voltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)6AVoltage - Forward (Vf) (Max) @ If1.1V @ 6ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-4Operating Temperature - Junction-65°C ~ 175°C	Series	-
Current - Average Rectified (Io)6AVoltage - Forward (Vf) (Max) @ If1.1V @ 6ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-4Operating Temperature - Junction-65°C ~ 175°C	Diode Type	Standard, Reverse Polarity
Voltage - Forward (Vf) (Max) @ If1.1V @ 6ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-4Operating Temperature - Junction-65°C ~ 175°C	Voltage - DC Reverse (Vr) (Max)	100V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-4Operating Temperature - Junction-65°C ~ 175°C	Current - Average Rectified (Io)	6A
Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr	Voltage - Forward (Vf) (Max) @ If	1.1V @ 6A
Current - Reverse Leakage @ Vr	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F Mounting Type Chassis, Stud Mount Package / Case DO-203AA, DO-4, Stud Supplier Device Package DO-4 Operating Temperature - Junction -65°C ~ 175°C	Reverse Recovery Time (trr)	-
Mounting Type Chassis, Stud Mount Package / Case DO-203AA, DO-4, Stud Supplier Device Package DO-4 Operating Temperature - Junction -65°C ~ 175°C	Current - Reverse Leakage @ Vr	10μA @ 100V
Package / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-4Operating Temperature - Junction -65° C ~ 175° C	Capacitance @ Vr, F	-
Supplier Device Package DO-4 Operating Temperature - Junction $-65^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Mounting Type	Chassis, Stud Mount
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Package / Case	DO-203AA, DO-4, Stud
	Supplier Device Package	DO-4
Report errors?	Operating Temperature - Junction	-65°C ~ 175°C
		Report errors?

S6BR 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.

S6BR Payment Methods



















S6BR Shipping Methods













If you have any question about S6BR, please do not hesitate to contact us!

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