

SK19BHM4G

SK19BHM4G Information

Heisener.com	Part Number Manufacturer Category Description Package	SK19BHM4G TSC America Inc. Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE, SCHOTTKY, STANDARD, 1A, 9 DO-214AA, SMB For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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SK19BHM4G Specifications

ManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AA, SMBSeriesAutomotive, AEC-Q101Diode TypeSchotkyVoltage - DC Reverse (Vr) (Max)90VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 90VCapacitance @ Vr, FSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA, SMBOperating Temperature - Junction-55°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AA, SMBSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)90VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 90VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 150°C	Manufacturer Part Number	SK19BHM4G
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PackageDO-214AA, SMBSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)90VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 90VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 150°C	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)90VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If $850mV @ 3A$ SpeedFast Recovery =< $500ns, > 200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $100\muA @ 90V$ Current - Reverse Leakage @ Vr $500rU @ 30rU @ 30r$		Diodes - Rectifiers - Single
Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)90VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100 μ A @ 90VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 150°C	Package	DO-214AA, SMB
Voltage - DC Reverse (Vr) (Max)90VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 90VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 150°C	Series	Automotive, AEC-Q101
Current - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 3ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 90VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 150°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If850mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 90VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	90V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 90VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100μA @ 90VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	850mV @ 3A
Current - Reverse Leakage @ Vr100µA @ 90VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 150°C	Current - Reverse Leakage @ Vr	100µA @ 90V
Package / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Package / Case	DO-214AA, SMB
	Supplier Device Package	DO-214AA (SMB)
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

SK19BHM4G 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 UARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

SK19BHM4G Payment Methods



SK19BHM4G Shipping Methods



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