

# SK34BHM4G

#### **SK34BHM4G Information**

Heisener.com	 SK34BHM4G TSC America Inc. Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE, SCHOTTKY, STANDARD, 3A, 4 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

## **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.



### **SK34BHM4G Specifications**

ManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AA, SMBSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA, SMBOperating Temperature - Junction-55°C ~ 125°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AA, SMBSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 125°C	Manufacturer Part Number	SK34BHM4G
Diodes - Rectifiers - SinglePackageDO-214AA, SMBSeriesAutomotive, AEC-Q101Diode TypeSchotkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500 $\mu$ A @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 125°C	Manufacturer	TSC America Inc.
PackageDO-214AA, SMBSeriesAutomotive, AEC-Q101Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 125°C	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101SeriesSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max) $40V$ Current - Average Rectified (Io) $3A$ Voltage - Forward (Vf) (Max) @ If $500mV @ 3A$ SpeedFast Recovery =< $500ns, > 200mA (Io)$ Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $500\muA @ 40V$ Current - Reverse Leakage @ Vr $500\muA @ 40V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction $-55°C ~ 125°C$		Diodes - Rectifiers - Single
Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 125°C	Package	DO-214AA, SMB
Voltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 125°C	Series	Automotive, AEC-Q101
Current - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 125°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 125°C	Voltage - DC Reverse (Vr) (Max)	40V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 125°C	Current - Average Rectified (Io)	3A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 125°C	Voltage - Forward (Vf) (Max) @ If	500mV @ 3A
Current - Reverse Leakage @ Vr500µA @ 40VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 125°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 ~ 125°C	Reverse Recovery Time (trr)	-
Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 125°C	Current - Reverse Leakage @ Vr	500µA @ 40V
Package / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 125°C	Capacitance @ Vr, F	-
Supplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-55°C ~ 125°C	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 125°C	Package / Case	DO-214AA, SMB
	Supplier Device Package	DO-214AA (SMB)
Report errors?	Operating Temperature - Junction	-55°C ~ 125°C
		Report errors?

#### **SK34BHM4G 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

#### **Service Guarantees**

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

#### **SK34BHM4G Payment Methods**





If you have any question about SK34BHM4G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com