



SK18TR Information



For Reference Only

Part Number SK18TR

Manufacturer SMC Diode Solutions

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE SCHOTTKY 80V 1A SMB

Package DO-214AA, SMB

For the pricing/inventory/lead time, please contact

us

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



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SK18TR Specifications

Manufacturer Part NumberSKI8TRManufacturerSMC Diode SolutionsCategoryDiscrete Semiconductor ProductsPackageDO-214AA, SMBSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 80ACapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB (DO-214AA)Operating Temperature - Junction-55°C ~ 125°C	SIII Specifications	
CategoryDiscrete Semiconductor Products Diodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)80VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If850mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 80ACapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB (DO-214AA)	Manufacturer Part Number	SK18TR
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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 SooµA @ 80A Capacitance @ Vr, F Mounting Type Surface Mount Package / Case DO-214AA, SMB Supplier Device Package SMB (DO-214AA)	Series	-
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Voltage - Forward (Vf) (Max) @ If850mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 80ACapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB (DO-214AA)	Voltage - DC Reverse (Vr) (Max)	80V
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Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 80ACapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB (DO-214AA)	Voltage - Forward (Vf) (Max) @ If	850mV @ 1A
Current - Reverse Leakage @ Vr 500µA @ 80A Capacitance @ Vr, F - Mounting Type Surface Mount Package / Case DO-214AA, SMB Supplier Device Package SMB (DO-214AA)	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F - Mounting Type Surface Mount Package / Case DO-214AA, SMB Supplier Device Package SMB (DO-214AA)	Reverse Recovery Time (trr)	-
Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMB (DO-214AA)	Current - Reverse Leakage @ Vr	500μA @ 80A
Package / Case DO-214AA, SMB Supplier Device Package SMB (DO-214AA)	Capacitance @ Vr, F	-
Supplier Device Package SMB (DO-214AA)	Mounting Type	Surface Mount
	Package / Case	DO-214AA, SMB
Operating Temperature - Junction $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Supplier Device Package	SMB (DO-214AA)
	Operating Temperature - Junction	-55°C ~ 125°C
Report errors?		Report errors?

SK18TR 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.

SK18TR Payment Methods





















SK18TR Shipping Methods













If you have any question about SK18TR, please do not hesitate to contact us!

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