

S3M-13 Information



For Reference Only

Part Number S3M-13

Manufacturer Diodes Incorporated

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP 1KV 3A SMC

Package DO-214AB, SMC

For the pricing/inventory/lead time, please contact

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.









S3M-13 Specifications

Manufacturer Part Number S3M-13 Manufacturer Diodes Incorporated Category Discrete Semiconductor Products Diodes - Rectifiers - Single Package DO-214AB, SMC Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1000V Current - Average Rectified (Io) 3A Voltage - Forward (Vf) (Max) @ If 1.15V @ 3A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 10μA @ 1000V Capacitance @ Vr, F 40pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package SMC Operating Temperature - Junction -65°C ~ 150°C		
Category Discrete Semiconductor Products Diodes - Rectifiers - Single DO-214AB, SMC Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 10µA @ 1000V Capacitance @ Vr, F 40pF @ 4V, 1MHz Mounting Type Package / Case DO-214AB, SMC Supplier Device Package Operating Temperature - Junction Do-215AB, SMC SMC Operating Temperature - Junction Do-215AB, SMC SMC Operating Temperature - Junction	Manufacturer Part Number	S3M-13
Diodes - Rectifiers - Single Package DO-214AB, SMC Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1000V Current - Average Rectified (Io) 3A Voltage - Forward (Vf) (Max) @ If 1.15V @ 3A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 10μA @ 1000V Capacitance @ Vr, F 40pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package SMC Operating Temperature - Junction -65°C ~ 150°C	Manufacturer	Diodes Incorporated
Package DO-214AB, SMC Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) 3A Voltage - Forward (Vf) (Max) @ If 1.15V @ 3A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 10μA @ 1000V Capacitance @ Vr, F 40pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package Operating Temperature - Junction -65°C ~ 150°C	Category	Discrete Semiconductor Products
Series Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1000V Current - Average Rectified (Io) 3A Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Current - Reverse Leakage @ Vr Capacitance @ Vr, F 40pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package Operating Temperature - Junction -65°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.15V @ 3ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F40pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageSMCOperating Temperature - Junction-65°C ~ 150°C	Package	DO-214AB, SMC
Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Surface Mount Package / Case Supplier Device Package Operating Temperature - Junction 1000V 1.15V @ 3A 1.15V @ 3A 1.000V 1.0µA @ 1000V 40pF @ 4V, 1MHz 5urface Mount 5urface Mount 5urface Mount 5urface Mount 65°C ~ 150°C	Series	-
Current - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.15V @ 3ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F40pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageSMCOperating Temperature - Junction-65°C ~ 150°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 10μA @ 1000V Capacitance @ Vr, F 40pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package Operating Temperature - Junction 1.15V @ 3A 1.15V @ 3A	Voltage - DC Reverse (Vr) (Max)	1000V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F40pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageSMCOperating Temperature - Junction-65°C ~ 150°C	Current - Average Rectified (Io)	3A
Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr	Voltage - Forward (Vf) (Max) @ If	1.15V @ 3A
Current - Reverse Leakage @ Vr $10\mu A @ 1000V$ Capacitance @ Vr, F $40pF @ 4V, 1MHz$ Mounting Type $Surface Mount$ Package / Case $DO-214AB, SMC$ Supplier Device Package SMC Operating Temperature - Junction $-65^{\circ}C \sim 150^{\circ}C$	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F 40pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package SMC Operating Temperature - Junction -65°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package SMC Operating Temperature - Junction -65°C ~ 150°C	Current - Reverse Leakage @ Vr	10μA @ 1000V
Package / Case DO-214AB, SMC Supplier Device Package SMC Operating Temperature - Junction -65°C ~ 150°C	Capacitance @ Vr, F	40pF @ 4V, 1MHz
Supplier Device Package SMC Operating Temperature - Junction -65°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction -65°C ~ 150°C	Package / Case	DO-214AB, SMC
	Supplier Device Package	SMC
Report errors?	Operating Temperature - Junction	-65°C ~ 150°C
		Report errors?

S3M-13 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.

S3M-13 Payment Methods





















S3M-13 Shipping Methods













If you have any question about S3M-13, please do not hesitate to contact us!

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