

US1M/1 Information



For Reference Only

Part Number US1M/1

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP 1KV 1A DO214AC

Package DO-214AC, SMA

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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US1M/1 Specifications

Manufacturer Part NumberUSIM/IManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsPackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.7V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)75nsCurrent - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 175°CReport errors?	oblivia specifications	
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.7V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)75nsCurrent - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 175°C	Manufacturer Part Number	US1M/1
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Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.7V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)75nsCurrent - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 175°C		Diodes - Rectifiers - Single
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Current - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.7V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)75nsCurrent - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 175°C	Diode Type	Standard
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SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)75nsCurrent - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 175°C	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)75nsCurrent - Reverse Leakage @ Vr10μA @ 1000VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 175°C	Voltage - Forward (Vf) (Max) @ If	1.7V @ 1A
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Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction -65°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction $-65^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Mounting Type	Surface Mount
Operating Temperature - Junction -65°C ~ 175°C	Package / Case	DO-214AC, SMA
	Supplier Device Package	DO-214AC (SMA)
Report errors?	Operating Temperature - Junction	-65°C ~ 175°C
		Report errors?

US1M/1 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.

US1M/1 Payment Methods





















US1M/1 Shipping Methods













If you have any question about US1M/1, please do not hesitate to contact us!

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