

RS1D Information



For Reference Only

Part Number RS1D

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

Description DIODE GEN PURP 200V 1A SMA

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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RS1D Specifications

Manufacturer Part NumberRS1DManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.3V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)150nsCurrent - Reverse Leakage @ Vr5µA @ 200VCapacitance @ Vr, F10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMA (DO-214AC)Operating Temperature - Junction-55°C ~ 150°C	11012 Specifications	
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.3V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)150nsCurrent - Reverse Leakage @ Vr5μA @ 200VCapacitance @ Vr, F10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMA (DO-214AC)Operating Temperature - Junction-55°C ~ 150°C	Manufacturer Part Number	RS1D
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Package DO-214AC, SMA Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 200V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If 1.3V @ 1A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 150ns Current - Reverse Leakage @ Vr 5µA @ 200V Capacitance @ Vr, F 10pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package SMA (DO-214AC) Operating Temperature - Junction -55°C ~ 150°C	Category	Discrete Semiconductor Products
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Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery = < 500ns, > 200mA (Io) Reverse Recovery Time (trr) 150ns Current - Reverse Leakage @ Vr SμΑ @ 200V Capacitance @ Vr, F 10pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package SMA (DO-214AC) Operating Temperature - Junction 200V	Series	-
Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 1.3V @ 1A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 150ns Current - Reverse Leakage @ Vr 5µA @ 200V Capacitance @ Vr, F 10pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package SMA (DO-214AC) Operating Temperature - Junction	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If1.3V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)150nsCurrent - Reverse Leakage @ Vr5μA @ 200VCapacitance @ Vr, F10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMA (DO-214AC)Operating Temperature - Junction-55°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	200V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)150nsCurrent - Reverse Leakage @ Vr5μA @ 200VCapacitance @ Vr, F10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMA (DO-214AC)Operating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)150nsCurrent - Reverse Leakage @ Vr5μA @ 200VCapacitance @ Vr, F10pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMA (DO-214AC)Operating Temperature - Junction-55°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	1.3V @ 1A
Current - Reverse Leakage @ Vr $5\mu A$ @ $200V$ Capacitance @ Vr, F $10pF$ @ $4V$, $1MHz$ Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package SMA (DO-214AC) Operating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F 10pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package SMA (DO-214AC) Operating Temperature - Junction -55°C ~ 150°C	Reverse Recovery Time (trr)	150ns
Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package SMA (DO-214AC) Operating Temperature - Junction -55°C ~ 150°C	Current - Reverse Leakage @ Vr	5μA @ 200V
Package / Case DO-214AC, SMA Supplier Device Package SMA (DO-214AC) Operating Temperature - Junction -55°C ~ 150°C	Capacitance @ Vr, F	10pF @ 4V, 1MHz
Supplier Device Package SMA (DO-214AC) 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-214AC, SMA
	Supplier Device Package	SMA (DO-214AC)
Donorsk swamp	Operating Temperature - Junction	-55°C ~ 150°C
Report errors?		Report errors?

RS1D 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.

RS1D Payment Methods



















RS1D Shipping Methods













If you have any question about RS1D, please do not hesitate to contact us!

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