



RGF1G Information



For Reference Only

Part Number RGF1G

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

Description DIODE GEN PURP 400V 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



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.









RGF1G Specifications

Manufacturer Part NumberRGFIGManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsPackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.3V @ 1ASpeedFast Recovery < 500ns, > 200mA (Io)Reverse Recovery Time (trr)150nsCurrent - Reverse Leakage @ Vr5µA @ 400VCapacitance @ Vr, F8.5pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 175°CReport errors?	Tion to specifications	
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.3V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)150nsCurrent - Reverse Leakage @ Vr5μA @ 400VCapacitance @ Vr, F8.5pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 175°C	Manufacturer Part Number	RGF1G
PackageDiodes - Rectifiers - SingleSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.3V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)150nsCurrent - Reverse Leakage @ Vr5μA @ 400VCapacitance @ Vr, F8.5pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 175°C	Manufacturer	Fairchild/ON Semiconductor
Package DO-214AC, SMA Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 400V 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 @ 400V Capacitance @ Vr, F 8.5pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction -65°C ~ 175°C	Category	Discrete Semiconductor Products
Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.3V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)150nsCurrent - Reverse Leakage @ Vr5μA @ 400VCapacitance @ Vr, F8.5pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 175°C		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.3V @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)150nsCurrent - Reverse Leakage @ Vr5μA @ 400VCapacitance @ Vr, F8.5pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 175°C	Package	DO-214AC, SMA
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 @ 400V Capacitance @ Vr, F 8.5pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction 400V	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 @ 400V Capacitance @ Vr, F 8.5pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) 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 @ 400VCapacitance @ Vr, F8.5pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 175°C	Voltage - DC Reverse (Vr) (Max)	400V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)150nsCurrent - Reverse Leakage @ Vr5μA @ 400VCapacitance @ Vr, F8.5pF @ 4V, 1MHzMounting 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) 150ns Current - Reverse Leakage @ Vr 5 μ A @ 400V Capacitance @ Vr, F 8.5pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction -65°C ~ 175°C	Voltage - Forward (Vf) (Max) @ If	1.3V @ 1A
Current - Reverse Leakage @ Vr $5\mu A$ @ $400V$ Capacitance @ Vr, F $8.5pF$ @ $4V$, $1MHz$ Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction $-65^{\circ}C \sim 175^{\circ}C$	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F 8.5pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction -65°C ~ 175°C	Reverse Recovery Time (trr)	150ns
Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction -65°C ~ 175°C	Current - Reverse Leakage @ Vr	5μA @ 400V
Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction -65°C ~ 175°C	Capacitance @ Vr, F	8.5pF @ 4V, 1MHz
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 $-65^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Package / Case	DO-214AC, SMA
	Supplier Device Package	DO-214AC (SMA)
Report errors?	Operating Temperature - Junction	-65°C ~ 175°C
		Report errors?

RGF1G 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.

RGF1G Payment Methods



















RGF1G Shipping Methods













If you have any question about RGF1G, please do not hesitate to contact us!

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