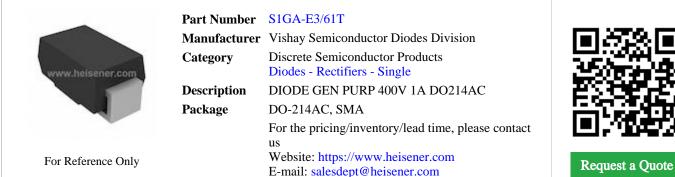


S1GA-E3/61T

S1GA-E3/61T Information



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.



S1GA-E3/61T Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1µsCurrent - Reverse Leakage @ Vr3µA @ 400VCapacitance @ Vr, FSurface MountMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Jo)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Jo)Reverse Recovery Time (trr)1 μ sCurrent - Reverse Leakage @ Vr3 μ A @ 400VCapacitance @ Vr, F8pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction55° C ~ 150°C	Manufacturer Part Number	S1GA-E3/61T
Diodes - Rectifiers - Single Package DO-214AC, SMA Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 400V Current - Average Rectified (Jo) 1A Voltage - Forward (Vf) (Max) @ If 1.1V @ 1A Speed Standard Recovery >500ns, > 200mA (Jo) Reverse Recovery Time (trr) Jµs Current - Reverse Leakage @ Vr 3µA @ 400V Capacitance @ Vr, F 8pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction 55° C ~ 150°C	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-214AC, SMASeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)IAVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)JµsCurrent - Reverse Leakage @ VrSµA @ 400VCapacitance @ Vr, FSpF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Category	Discrete Semiconductor Products
Series-SeriesStandardDiode TypeStandardVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1 μ sCurrent - Reverse Leakage @ Vr3 μ A @ 400VCurrent - Reverse Leakage @ VrSurface MountMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeStandardDiode Type400VVoltage - DC Reverse (Vr) (Max)1ACurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1µsCurrent - Reverse Leakage @ Vr3µA @ 400VCapacitance @ Vr, FSepf @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Package	DO-214AC, SMA
Voltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1 μ sCurrent - Reverse Leakage @ Vr3 μ A @ 400VCapacitance @ Vr, F8pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Series	-
Current - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1µsCurrent - Reverse Leakage @ Vr3µA @ 400VCapacitance @ Vr, F8pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $1.1V @ 1A$ SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr) 1μ sCurrent - Reverse Leakage @ Vr $3\mu A @ 400V$ Capacitance @ Vr, F $8pF @ 4V$, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	400V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1μsCurrent - Reverse Leakage @ Vr3μA @ 400VCapacitance @ Vr, F8pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)1μsCurrent - Reverse Leakage @ Vr3μA @ 400VCapacitance @ Vr, F8pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	1.1V @ 1A
Current - Reverse Leakage @ Vr3μA @ 400VCapacitance @ Vr, F8pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F8pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Reverse Recovery Time (trr)	1µs
Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Current - Reverse Leakage @ Vr	3µA @ 400V
Package / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Capacitance @ Vr, F	8pF @ 4V, 1MHz
Supplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$	Package / Case	DO-214AC, SMA
	Supplier Device Package	DO-214AC (SMA)
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

S1GA-E3/61T 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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

S1GA-E3/61T Payment Methods



S1GA-E3/61T Shipping Methods



If you have any question about S1GA-E3/61T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com