

S1PD-M3/85A

S1PD-M3/85A Information

www.heisener.com	Part Number Manufacturer Category	S1PD-M3/85A Vishay Semiconductor Diodes Division Discrete Semiconductor Products Diodes - Rectifiers - Single	■### 77779##
	Description	DIODE GEN PURP 200V 1A DO220AA	
	Package	DO-220AA	
		For the pricing/inventory/lead time, please contact us	
For Reference Only		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.



S1PD-M3/85A Specifications

Manufacturer Part NumberS1PD-M3/85AManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-220AASeriesStandardDioder TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1.4Voltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (ttr)1.8µsCurrent - Reverse Leakage @ VrIµA @ 200VCapacitance @ Vr, F6pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-220AA (SMP)Operating Temperature - Junction.55°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-220AASerieseSMP?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.8µsCurrent - Reverse Leakage @ Vr1µA @ 200VCurrent - Reverse Leakage @ Vr5PG @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-220AASupplier Device PackageDO-220AA (SMP)	Manufacturer Part Number	S1PD-M3/85A
NumberDiodes - Rectifiers - SinglePackageDO-220AASerieseSMP?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)IAVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.8µsCurrent - Reverse Leakage @ Vr6µF @ 4V, 1MHzAponting TypeSurface MountPackage / CaseDO-220AA (SMP)	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-220AASerieseSMP?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.8µsCurrent - Reverse Leakage @ Vr6pF @ 4V, 1MHzApacitance @ Vr, FSurface MountMounting TypeSurface MountPackage / CaseDO-220AA (SMP)	Category	Discrete Semiconductor Products
YerSerieseSMP?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AYoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.8µsCurrent - Reverse Leakage @ Vr1µA @ 200VCapacitance @ Vr, FSurface MountMounting TypeSurface MountPackage / CaseDO-220AA (SMP)		Diodes - Rectifiers - Single
Diode TypeStandardDiode Type200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.8µsCurrent - Reverse Leakage @ Vr1µA @ 200VCapacitance @ Vr, FSurface MountMounting TypeSurface MountPackage / CaseDO-220AASupplier Device PackageDO-220AA (SMP)	Package	DO-220AA
Voltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.8µsCurrent - Reverse Leakage @ Vr1µA @ 200VCapacitance @ Vr, F6pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-220AASupplier Device PackageDO-220AA (SMP)	Series	eSMP?
Current - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If $1.1V @ 1A$ SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr) 1.8μ sCurrent - Reverse Leakage @ Vr $\muA @ 200V$ Capacitance @ Vr, F $6pF @ 4V$, 1MHzMounting TypeSurface MountPackage / CaseDO-220AASupplier Device PackageDO-220AA (SMP)	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If 1.1V @ 1A Speed Standard Recovery > 500ns, > 200mA (Io) Reverse Recovery Time (trr) 1.8µs Current - Reverse Leakage @ Vr 1µA @ 200V Capacitance @ Vr, F 6pF @ 4V, 1MHz Mounting Type Surface Mount Package / Case DO-220AA Supplier Device Package DO-220AA (SMP)	Voltage - DC Reverse (Vr) (Max)	200V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.8μsCurrent - Reverse Leakage @ Vr1μA @ 200VCapacitance @ Vr, F6pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-220AASupplier Device PackageDO-220AA (SMP)	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)1.8μsCurrent - Reverse Leakage @ Vr1μA @ 200VCapacitance @ Vr, F6pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-220AASupplier Device PackageDO-220AA (SMP)	Voltage - Forward (Vf) (Max) @ If	1.1V @ 1A
Current - Reverse Leakage @ VrμA @ 200VCapacitance @ Vr, F6pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-220AASupplier Device PackageDO-220AA (SMP)	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F6pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-220AASupplier Device PackageDO-220AA (SMP)	Reverse Recovery Time (trr)	1.8µs
Mounting TypeSurface MountPackage / CaseDO-220AASupplier Device PackageDO-220AA (SMP)	Current - Reverse Leakage @ Vr	1µA @ 200V
Package / CaseDO-220AASupplier Device PackageDO-220AA (SMP)	Capacitance @ Vr, F	6pF @ 4V, 1MHz
Supplier Device PackageDO-220AA (SMP)	Mounting Type	Surface Mount
	Package / Case	DO-220AA
Operating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$	Supplier Device Package	DO-220AA (SMP)
	Operating Temperature - Junction	-55°C ~ 150°C
Report errors?		Report errors?

S1PD-M3/85A 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.

S1PD-M3/85A Payment Methods



S1PD-M3/85A Shipping Methods



If you have any question about S1PD-M3/85A, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com