



#### S1PB-M3/84A Information



For Reference Only

Part Number S1PB-M3/84A

Manufacturer Vishay Semiconductor Diodes Division

**Category** Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 100V 1A DO220AA

Package DO-220AA

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.









### S1PB-M3/84A Specifications

Manufacturer Part Number  Manufacturer  Vishay Semiconductor Diodes Division  Discrete Semiconductor Products  Diodes - Rectifiers - Single  Package  DO-220AA  Series  eSMP?  Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  1.8µs  Current - Reverse Leakage @ Vr  Lupa @ 100V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  DO-220AA  Supplier Device Package  DO-220AA (SMP)		
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  Package  DO-220AA  Series  eSMP?  Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  1.8µs  Current - Reverse Leakage @ Vr  1µA @ 100V  Capacitance @ Vr, F  6pF @ 4V, 1MHz  Mounting Type  Surface Mount  Package / Case  DO-220AA  Supplier Device Package  DO-220AA (SMP)	Manufacturer Part Number	S1PB-M3/84A
Diodes - Rectifiers - Single           Package         DO-220AA           Series         eSMP?           Diode Type         Standard           Voltage - DC Reverse (Vr) (Max)         100V           Current - Average Rectified (Io)         1A           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 @ 100V           Capacitance @ Vr, F         6pF @ 4V, 1MHz           Mounting Type         Surface Mount           Package / Case         DO-220AA           Supplier Device Package         DO-220AA (SMP)	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-220AASerieseSMP?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.8μsCurrent - Reverse Leakage @ Vr1μA @ 100VCapacitance @ Vr, F6pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-220AASupplier Device PackageDO-220AA (SMP)	Category	Discrete Semiconductor Products
Series eSMP?  Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 100V  Current - Average Rectified (Io) 1A  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 @ 100V  Capacitance @ Vr, F 6pF @ 4V, 1MHz  Mounting Type Surface Mount  Package / Case DO-220AA  Supplier Device Package DO-220AA (SMP)		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.8μsCurrent - Reverse Leakage @ Vr1μA @ 100VCapacitance @ Vr, F6pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-220AASupplier Device PackageDO-220AA (SMP)	Package	DO-220AA
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  1.8µs  Current - Reverse Leakage @ Vr  1µA @ 100V  Capacitance @ Vr, F  6pF @ 4V, 1MHz  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  DO-220AA (SMP)	Series	eSMP?
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  1.8µs  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  6pF @ 4V, 1MHz  Mounting Type  Surface Mount  Package / Case  DO-220AA  Supplier Device Package  DO-220AA (SMP)	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  1.8μs  Current - Reverse Leakage @ Vr  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)	100V
Speed       Standard Recovery >500ns, > 200mA (Io)         Reverse Recovery Time (trr)       1.8μs         Current - Reverse Leakage @ Vr       1μA @ 100V         Capacitance @ Vr, F       6pF @ 4V, 1MHz         Mounting Type       Surface Mount         Package / Case       DO-220AA         Supplier Device Package       DO-220AA (SMP)	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)  1.8µs  Current - Reverse Leakage @ Vr  1µA @ 100V  Capacitance @ Vr, F  6pF @ 4V, 1MHz  Mounting Type  Surface Mount  Package / Case  DO-220AA  Supplier Device Package  DO-220AA (SMP)	Voltage - Forward (Vf) (Max) @ If	1.1V @ 1A
Current - Reverse Leakage @ Vr	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F 6pF @ 4V, 1MHz  Mounting Type Surface Mount  Package / Case DO-220AA  Supplier Device Package DO-220AA (SMP)	Reverse Recovery Time (trr)	1.8μs
Mounting Type Surface Mount Package / Case DO-220AA Supplier Device Package DO-220AA (SMP)	Current - Reverse Leakage @ Vr	1μA @ 100V
Package / Case DO-220AA Supplier Device Package DO-220AA (SMP)	Capacitance @ Vr, F	6pF @ 4V, 1MHz
Supplier Device Package DO-220AA (SMP)	Mounting Type	Surface Mount
	Package / Case	DO-220AA
	Supplier Device Package	DO-220AA (SMP)
Operating Temperature - Junction $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Operating Temperature - Junction	-55°C ~ 150°C
Report errors?		Report errors?

#### S1PB-M3/84A 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.

# S1PB-M3/84A Payment Methods



















# S1PB-M3/84A Shipping Methods













If you have any question about S1PB-M3/84A, please do not hesitate to contact us!

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