



#### MSE1PD-M3/89A Information



For Reference Only

Part Number MSE1PD-M3/89A

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 200V 1A MICROSMP

Package MicroSMF

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.









## MSE1PD-M3/89A Specifications

Manufacturer Part NumberMSEIPD-M3/89AManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageMicroSMPSerieseSMP?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)780nsCurrent - Reverse Leakage @ Vr1μA @ 200VCapacitance @ Vr, F5pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseMicroSMPSupplier Device PackageMicroSMPOperating Temperature - Junction-55°C ~ 175°C		
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  MicroSMP  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)  Current - Reverse Leakage @ Vr  LipA @ 200V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  MicroSMP  Supplier Device Package  MicroSMP	Manufacturer Part Number	MSE1PD-M3/89A
Diodes - Rectifiers - SinglePackageMicroSMPSerieseSMP?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)780nsCurrent - Reverse Leakage @ Vr1μA @ 200VCapacitance @ Vr, F5pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseMicroSMPSupplier Device PackageMicroSMP	Manufacturer	Vishay Semiconductor Diodes Division
PackageMicroSMPSerieseSMP?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)780nsCurrent - Reverse Leakage @ Vr1μA @ 200VCapacitance @ Vr, F5pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseMicroSMPSupplier Device PackageMicroSMP	Category	Discrete Semiconductor Products
Series eSMP?  Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 200V  Current - Average Rectified (Io) 1A  Voltage - Forward (Vf) (Max) @ If 1.1V @ 1A  Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) 780ns  Current - Reverse Leakage @ Vr 1µA @ 200V  Capacitance @ Vr, F 5pF @ 4V, 1MHz  Mounting Type Surface Mount  Package / Case MicroSMP  Supplier Device Package MicroSMP		Diodes - Rectifiers - Single
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)780nsCurrent - Reverse Leakage @ Vr1μA @ 200VCapacitance @ Vr, F5pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseMicroSMPSupplier Device PackageMicroSMP	Package	MicroSMP
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  780ns  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  SpF @ 4V, 1MHz  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  MicroSMP	Series	eSMP?
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  780ns  Current - Reverse Leakage @ Vr  Lipa @ 200V  Capacitance @ Vr, F  SpF @ 4V, 1MHz  Mounting Type  Surface Mount  Package / Case  MicroSMP  Supplier Device Package  MicroSMP	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)780nsCurrent - Reverse Leakage @ Vr1μA @ 200VCapacitance @ Vr, F5pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseMicroSMPSupplier Device PackageMicroSMP	Voltage - DC Reverse (Vr) (Max)	200V
Speed       Standard Recovery >500ns, > 200mA (Io)         Reverse Recovery Time (trr)       780ns         Current - Reverse Leakage @ Vr       1μA @ 200V         Capacitance @ Vr, F       5pF @ 4V, 1MHz         Mounting Type       Surface Mount         Package / Case       MicroSMP         Supplier Device Package       MicroSMP	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  1µA @ 200V  Capacitance @ Vr, F  5pF @ 4V, 1MHz  Mounting Type  Surface Mount  Package / Case  MicroSMP  Supplier Device Package  MicroSMP	Voltage - Forward (Vf) (Max) @ If	1.1V @ 1A
Current - Reverse Leakage @ Vr	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F 5pF @ 4V, 1MHz  Mounting Type Surface Mount  Package / Case MicroSMP  Supplier Device Package MicroSMP	Reverse Recovery Time (trr)	780ns
Mounting Type Surface Mount Package / Case MicroSMP Supplier Device Package MicroSMP	Current - Reverse Leakage @ Vr	1μA @ 200V
Package / Case MicroSMP Supplier Device Package MicroSMP	Capacitance @ Vr, F	5pF @ 4V, 1MHz
Supplier Device Package MicroSMP	Mounting Type	Surface Mount
	Package / Case	MicroSMP
Operating Temperature - Junction $-55^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Supplier Device Package	MicroSMP
	Operating Temperature - Junction	-55°C ~ 175°C
Report errors?		Report errors?

#### MSE1PD-M3/89A 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.

### MSE1PD-M3/89A Payment Methods



















# MSE1PD-M3/89A Shipping Methods













If you have any question about MSE1PD-M3/89A, please do not hesitate to contact us!

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