



### **ES3A-M3/9AT Information**



For Reference Only

Part Number ES3A-M3/9AT

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 50V 3A DO214AB

Package DO-214AB, SMC

For the pricing/inventory/lead time, please contact

us

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



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### **Certified Quality**

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# **ES3A-M3/9AT Specifications**

Manufacturer Part NumberES3A-M3/9ATManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsPackageDO-214AB, SMCSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If900mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr10μA @ 50VCapacitance @ Vr, F45pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°CReport errors?		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AB, SMCSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If900mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr10μA @ 50VCapacitance @ Vr, F45pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Manufacturer Part Number	ES3A-M3/9AT
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Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  30ns  Current - Reverse Leakage @ Vr  10µA @ 50V  Capacitance @ Vr, F  45pF @ 4V, 1MHz  Mounting Type  Surface Mount  Package / Case  DO-214AB, SMC  Supplier Device Package  DO-214AB, (SMC)  Operating Temperature - Junction  50V	Series	-
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Mounting Type Surface Mount  Package / Case DO-214AB, SMC Supplier Device Package DO-214AB, (SMC) Operating Temperature - Junction -55°C ~ 150°C	Current - Reverse Leakage @ Vr	10μA @ 50V
Package / Case DO-214AB, SMC Supplier Device Package DO-214AB, (SMC) Operating Temperature - Junction -55°C ~ 150°C	Capacitance @ Vr, F	45pF @ 4V, 1MHz
Supplier Device Package DO-214AB, (SMC)  Operating Temperature - Junction -55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	DO-214AB, SMC
	Supplier Device Package	DO-214AB, (SMC)
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

#### ES3A-M3/9AT 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.

# ES3A-M3/9AT Payment Methods





















## ES3A-M3/9AT Shipping Methods













If you have any question about ES3A-M3/9AT, please do not hesitate to contact us!

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