



#### SS16-E3/5AT Information



For Reference Only

Part Number SS16-E3/5AT

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

**Description** DIODE SCHOTTKY 60V 1A DO214AC

Package DO-214AC, SMA

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**

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.









### SS16-E3/5AT Specifications

Manufacturer Part NumberSS16-E3/5ATManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AC, SMASeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If750mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 150°C	SSIO Ecreiii Specifications	
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  DO-214AC, SMA  Series  Diode Type  Schottky  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Fast Recovery = < 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  DO-214AC, SMA  Supplier Device Package  DO-214AC (SMA)  Operating Temperature - Junction	Manufacturer Part Number	SS16-E3/5AT
PackageDiodes - Rectifiers - SingleSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If750mV @ 1ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 150°C	Manufacturer	Vishay Semiconductor Diodes Division
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Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  750mV @ 1A  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  DO-214AC, SMA  Supplier Device Package  Operating Temperature - Junction  1A  750mV @ 1A	Diode Type	Schottky
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SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageDO-214AC (SMA)Operating Temperature - Junction-65°C ~ 150°C	Current - Average Rectified (Io)	1A
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Current - Reverse Leakage @ Vr       200μA @ 60V         Capacitance @ Vr, F       -         Mounting Type       Surface Mount         Package / Case       DO-214AC, SMA         Supplier Device Package       DO-214AC (SMA)         Operating Temperature - Junction       -65°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F  Mounting Type Surface Mount  Package / Case DO-214AC, SMA  Supplier Device Package DO-214AC (SMA)  Operating Temperature - Junction -65°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting Type Surface Mount  Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA)  Operating Temperature - Junction -65°C ~ 150°C	Current - Reverse Leakage @ Vr	200μA @ 60V
Package / Case DO-214AC, SMA Supplier Device Package DO-214AC (SMA) Operating Temperature - Junction -65°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device Package DO-214AC (SMA)  Operating Temperature - Junction -65°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction -65°C ~ 150°C	Package / Case	DO-214AC, SMA
	Supplier Device Package	DO-214AC (SMA)
Report errors?	Operating Temperature - Junction	-65°C ~ 150°C
1		Report errors?

#### SS16-E3/5AT 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.

## SS16-E3/5AT Payment Methods



















### SS16-E3/5AT Shipping Methods













If you have any question about SS16-E3/5AT, please do not hesitate to contact us!

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