



### S5MS-M3/57T Information



For Reference Only

Part Number S5MS-M3/57T

Manufacturer Vishay Semiconductor Diodes Division

**Category** Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GP 1KV 1.6A DO214AB

Package DO-214AB, SMC

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.









## S5MS-M3/57T Specifications

Manufacturer Part NumberS5MS-M3/57TManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AB, SMCSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)1.6A (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 2ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.5μsCurrent - Reverse Leakage @ Vr3μA @ 1000VCapacitance @ Vr, F11pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AB, SMCSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)1.6A (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 2ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.5μsCurrent - Reverse Leakage @ Vr3μA @ 1000VCapacitance @ Vr, F11pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Manufacturer Part Number	S5MS-M3/57T
Diodes - Rectifiers - Single  DO-214AB, SMC  Series  - 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)  1.5µs  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  11pF @ 4V, 1MHz  Mounting Type  Surface Mount  Package / Case  DO-214AB, SMC  Supplier Device Package  DO-214AB, (SMC)  Operating Temperature - Junction	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-214AB, SMCSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)1.6A (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 2ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.5μsCurrent - Reverse Leakage @ Vr3μA @ 1000VCapacitance @ Vr, F11pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Category	Discrete Semiconductor Products
Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)1.6A (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 2ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.5μsCurrent - Reverse Leakage @ Vr3μA @ 1000VCapacitance @ Vr, F11pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1000VCurrent - Average Rectified (Io)1.6A (DC)Voltage - Forward (Vf) (Max) @ If1.1V @ 2ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.5μsCurrent - Reverse Leakage @ Vr3μA @ 1000VCapacitance @ Vr, F11pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Package	DO-214AB, SMC
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.1V @ 2A  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  1.5μs  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  11pF @ 4V, 1MHz  Mounting Type  Surface Mount  Package / Case  DO-214AB, SMC  Supplier Device Package  DO-214AB, (SMC)  Operating Temperature - Junction	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  1.5µs  Current - Reverse Leakage @ Vr  Sapacitance @ Vr, F  11pF @ 4V, 1MHz  Mounting Type  Surface Mount  Package / Case  DO-214AB, SMC  Supplier Device Package  DO-214AB, (SMC)  Operating Temperature - Junction	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  1.5μs  Current - Reverse Leakage @ Vr  SaμA @ 1000V  Capacitance @ Vr, F  11pF @ 4V, 1MHz  Mounting Type  Surface Mount  Package / Case  DO-214AB, SMC  Supplier Device Package  DO-214AB, (SMC)  Operating Temperature - Junction	Voltage - DC Reverse (Vr) (Max)	1000V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)1.5μsCurrent - Reverse Leakage @ Vr3μA @ 1000VCapacitance @ Vr, F11pF @ 4V, 1MHzMounting TypeSurface MountPackage / CaseDO-214AB, SMCSupplier Device PackageDO-214AB, (SMC)Operating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	1.6A (DC)
Reverse Recovery Time (trr) $1.5\mu s$ Current - Reverse Leakage @ Vr $3\mu A @ 1000V$ Capacitance @ Vr, F $11pF @ 4V, 1MHz$ Mounting Type $Surface Mount$ Package / Case $DO-214AB, SMC$ Supplier Device Package $DO-214AB, (SMC)$ Operating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$	Voltage - Forward (Vf) (Max) @ If	1.1V @ 2A
Current - Reverse Leakage @ Vr $3\mu A$ @ $1000V$ Capacitance @ Vr, F $11pF$ @ $4V$ , $1MHz$ Mounting Type Surface Mount Package / Case DO-214AB, SMC Supplier Device Package DO-214AB, (SMC) Operating Temperature - Junction $-55^{\circ}C \sim 150^{\circ}C$	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F  11pF @ 4V, 1MHz  Mounting Type  Surface Mount  Package / Case  DO-214AB, SMC  Supplier Device Package  DO-214AB, (SMC)  Operating Temperature - Junction  -55°C ~ 150°C	Reverse Recovery Time (trr)	1.5μs
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	3μA @ 1000V
Package / Case DO-214AB, SMC Supplier Device Package DO-214AB, (SMC) Operating Temperature - Junction -55°C ~ 150°C	Capacitance @ Vr, F	11pF @ 4V, 1MHz
Supplier Device Package DO-214AB, (SMC)  Operating Temperature - Junction -55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Package / Case	DO-214AB, SMC
	Supplier Device Package	DO-214AB, (SMC)
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
*		Report errors?

#### S5MS-M3/57T 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.

# S5MS-M3/57T Payment Methods



















### S5MS-M3/57T Shipping Methods













If you have any question about S5MS-M3/57T, please do not hesitate to contact us!

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