

# SS22-M3/5BT

### SS22-M3/5BT Information

	Part Number Manufacturer Category Description Package	SS22-M3/5BT Vishay Semiconductor Diodes Division Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE SCHOTTKY 2A 20V DO-214AA DO-214AA, SMB For the pricing/inventory/lead time, please contact	
For Reference Only		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.



## SS22-M3/5BT Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If500mV @ 2ASpedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr400µA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA, SMBOperating Temperature - Junction-60°C ~ 125°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If500mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr400µA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-60°C ~ 125°C	Manufacturer Part Number	SS22-M3/5BT
Diodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Jo)2AVoltage - Forward (Vf) (Max) @ If500mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr400µA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-60°C ~ 125°C	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-214AA, SMBSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If500mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr400µA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-60°C ~ 125°C	Category	Discrete Semiconductor Products
Series-Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If500mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr400µA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageGov° ~ 125°C		Diodes - Rectifiers - Single
Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If500mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr400µA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageHon 210°C ~ 125°C	Package	DO-214AA, SMB
Notage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If500mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr400 $\mu$ A @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-60°C ~ 125°C	Series	-
Current - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If500mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr400µA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-60°C ~ 125°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If500mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr400μA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-60°C ~ 125°C	Voltage - DC Reverse (Vr) (Max)	20V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr400μA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-60°C ~ 125°C	Current - Average Rectified (Io)	2A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr400μA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-60°C ~ 125°C	Voltage - Forward (Vf) (Max) @ If	500mV @ 2A
Current - Reverse Leakage @ Vr400µA @ 20VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-60°C ~ 125°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-60°C ~ 125°C	Reverse Recovery Time (trr)	-
Nounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-60°C ~ 125°C	Current - Reverse Leakage @ Vr	400µA @ 20V
Package / CaseDO-214AA, SMBSupplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-60°C ~ 125°C	Capacitance @ Vr, F	-
Supplier Device PackageDO-214AA (SMB)Operating Temperature - Junction-60°C ~ 125°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-60^{\circ}$ C ~ $125^{\circ}$ C	Package / Case	DO-214AA, SMB
	Supplier Device Package	DO-214AA (SMB)
Report errors?	Operating Temperature - Junction	-60°C ~ 125°C
		Report errors?

#### SS22-M3/5BT 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 EUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

# SS22-M3/5BT Payment Methods WIRE transfer PayPal Methods SS22-M3/5BT Shipping Methods EXECUTIVE FedEx. IN ONO TIME WITH A SUBJECT OF A SUBJECT O

If you have any question about SS22-M3/5BT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com