

# VS-8TQ100-N3

# **VS-8TQ100-N3 Information**

Switchelsener.com	VS-8TQ100-N3 Vishay Semiconductor Diodes Division Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE SCHOTTKY 100V 8A TO220AC TO-220-2 For the pricing/inventory/lead time, please contact us	
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.



# **VS-8TQ100-N3 Specifications**

Manufacturer Vishay Semiconductor Diodes Division   Category Discrete Semiconductor Products   Diodes - Rectifiers - Single Diodes - Rectifiers - Single   Package TO-220-2   Series -   Diode Type Schottky   Voltage - DC Reverse (Vr) (Max) 100V   Current - Average Rectified (Io) 8A   Voltage - Forward (Vf) (Max) @ If 720mV @ 8A   Speed Fast Recovery =< 500ns, > 200mA (Io)   Reverse Recovery Time (trr) -   Current - Reverse Leakage @ Vr 550µA @ 100V   Capacitance @ Vr, F 500pF @ 5V, 1MHz   Mounting Type Through Hole   Package / Case TO-220-2   Supplier Device Package TO-220-2		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-220-2Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If720mV @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr550µA @ 100VCurrent - Reverse Leakage @ Vr500pF @ 5V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 175°C	Manufacturer Part Number	VS-8TQ100-N3
Diodes - Rectifiers - SinglePackageTO-220-2Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If720mV @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr550µA @ 100VCapacitance @ Vr, F500pF @ 5V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 175°C	Manufacturer	Vishay Semiconductor Diodes Division
Package TO-220-2   Series -   Diode Type Schottky   Voltage - DC Reverse (Vr) (Max) 100V   Current - Average Rectified (Io) 8A   Voltage - Forward (Vf) (Max) @ If 720mV @ 8A   Speed Fast Recovery =< 500ns, > 200mA (Io)   Reverse Recovery Time (trr) -   Current - Reverse Leakage @ Vr 550µA @ 100V   Capacitance @ Vr, F 500pF @ 5V, 1MHz   Mounting Type Through Hole   Package / Case TO-220-2   Supplier Device Package TO-220AC   Operating Temperature - Junction -55°C ~ 175°C	Category	Discrete Semiconductor Products
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Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)8AVoltage - Forward (Vf) (Max) @ If720mV @ 8ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr550µA @ 100VCapacitance @ Vr, F500pF @ 5V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 175°C	Package	TO-220-2
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SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr550µA @ 100VCapacitance @ Vr, F500pF @ 5V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 175°C	Current - Average Rectified (Io)	8A
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Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 175°C	Current - Reverse Leakage @ Vr	550µA @ 100V
Package / CaseTO-220-2Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 175°C	Capacitance @ Vr, F	500pF @ 5V, 1MHz
Supplier Device PackageTO-220ACOperating Temperature - Junction-55°C ~ 175°C	Mounting Type	Through Hole
Operating Temperature - Junction -55°C ~ 175°C	Package / Case	TO-220-2
	Supplier Device Package	TO-220AC
Report errors?	Operating Temperature - Junction	-55°C ~ 175°C
		Report errors?

#### VS-8TQ100-N3 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 BUARANTEE

#### **Service Guarantees**

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

#### VS-8TQ100-N3 Payment Methods



# VS-8TQ100-N3 Shipping Methods



If you have any question about VS-8TQ100-N3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com