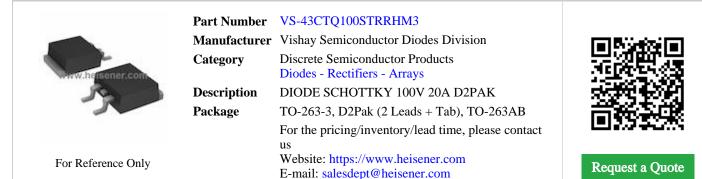


VS-43CTQ100STRRHM3

VS-43CTQ100STRRHM3 Information



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-43CTQ100STRRHM3 Specifications

Manufacturer Part NumberVS-43CTQ100STRRHM3ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDackageDiodes - Rectifiers - ArraysPackageGoodes - Rectifiers - ArraysDiode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)20ASpeedFast Recovery Time (trr)Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface MountPackage / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263AB		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysPackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeriesAutomotive, AEC-Q101Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)20ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface Mount	Manufacturer Part Number	VS-43CTQ100STRRHM3
Diodes - Rectifiers - ArraysPackageDiodes - Rectifiers - ArraysPackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeriesAutomotive, AEC-Q101Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If810mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface Mount	Manufacturer	Vishay Semiconductor Diodes Division
PackageTO-263-3, D2Pak (2 Leads + Tab), TO-263ABSeriesAutomotive, AEC-Q101Diode Configuration1 Pair Common CathodeDiode TypeSchotkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If810mV @ 20ASpeedFast Recovery = 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface Mount	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If810mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface Mount		Diodes - Rectifiers - Arrays
Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If810mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface Mount	Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If $810mV @ 20A$ SpeedFast Recovery $= 500ns, > 200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 100VOperating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$ Mounting TypeSurface Mount	Series	Automotive, AEC-Q101
Voltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) (per Diode)20AVoltage - Forward (Vf) (Max) @ If810mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface Mount	Diode Configuration	1 Pair Common Cathode
Current - Average Rectified (Io) (per Diode) $20A$ Voltage - Forward (Vf) (Max) @ If $810mV @ 20A$ Speed Fast Recovery = $500ns$, $> 200mA (Io)$ Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr ImA @ 100V Operating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$ Mounting Type Surface Mount	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If810mV @ 20ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface Mount	Voltage - DC Reverse (Vr) (Max)	100V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface Mount	Current - Average Rectified (Io) (per Diode)	20A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ VrImA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface Mount	Voltage - Forward (Vf) (Max) @ If	810mV @ 20A
Current - Reverse Leakage @ VrImA @ 100VOperating Temperature - Junction-55°C ~ 175°CMounting TypeSurface Mount	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction-55°C ~ 175°CMounting TypeSurface Mount	Reverse Recovery Time (trr)	-
Mounting Type Surface Mount	Current - Reverse Leakage @ Vr	1mA @ 100V
	Operating Temperature - Junction	-55°C ~ 175°C
Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Mounting Type	Surface Mount
	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Supplier Device Package D2PAK	Supplier Device Package	D2PAK
Report errors [*]		Report errors?

VS-43CTQ100STRRHM3 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.

VS-43CTQ100STRRHM3 Payment Methods



If you have any question about VS-43CTQ100STRRHM3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com