

VS-12FLR10S02

VS-12FLR10S02 Information



Part Number	VS-12FLR10S02	
Manufacturer	Vishay Semiconductor Diodes Division	
Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	
Description	DIODE GEN PURP 100V 12A DO203AA	
Package	DO-203AA, DO-4, Stud	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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For Reference Only

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-12FLR10S02 Specifications

Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Jo)12AVoltage - Forward (Vf) (Max) @ If1.4V @ 12ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr50 μ A @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AAOperating Temperature - Junction65°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-203AA, DO-4, StudSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)12AVoltage - Forward (Vf) (Max) @ If1.4V @ 12ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr50µA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AA, DO-4, StudOperating Temperature - Junction-65°C ~ 150°C	Manufacturer Part Number	VS-12FLR10S02
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Current - Average Rectified (Io)12AVoltage - Forward (Vf) (Max) @ If1.4V @ 12ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr50µA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AAOperating Temperature - Junction-65°C ~ 150°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $1.4V @ 12A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr) $200ns$ Current - Reverse Leakage @ Vr $50\mu A @ 100V$ Capacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AAOperating Temperature - Junction $-65^\circ C \sim 150^\circ C$	Voltage - DC Reverse (Vr) (Max)	100V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr50μA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AAOperating Temperature - Junction-65°C ~ 150°C	Current - Average Rectified (Io)	12A
Reverse Recovery Time (trr)200nsCurrent - Reverse Leakage @ Vr50µA @ 100VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AAOperating Temperature - Junction-65°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	1.4V @ 12A
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Capacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AAOperating Temperature - Junction-65°C ~ 150°C	Reverse Recovery Time (trr)	200ns
Mounting TypeChassis, Stud MountPackage / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AAOperating Temperature - Junction-65°C ~ 150°C	Current - Reverse Leakage @ Vr	50µA @ 100V
Package / CaseDO-203AA, DO-4, StudSupplier Device PackageDO-203AAOperating Temperature - Junction-65°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device PackageDO-203AAOperating Temperature - Junction-65°C ~ 150°C	Mounting Type	Chassis, Stud Mount
Operating Temperature - Junction $-65^{\circ}C \sim 150^{\circ}C$	Package / Case	DO-203AA, DO-4, Stud
	Supplier Device Package	DO-203AA
Report errors?	Operating Temperature - Junction	-65°C ~ 150°C
		Report errors?

VS-12FLR10S02 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 UARANTEE

Service Guarantees

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

VS-12FLR10S02 Payment Methods





If you have any question about VS-12FLR10S02, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com