

BYV28-100-TR

Quote

BYV28-100-TR Information

	Part Number	BYV28-100-TR	
	Manufacturer	Vishay Semiconductor Diodes Division	
www.hfisener.com	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	1234
	Description	DIODE AVALANCHE 100V 3.5A SOD64	- 52 -98
	Package	SOD-64, Axial	- <u>11</u> 24
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a

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.



BYV28-100-TR Specifications

Manufacturer Part NumberBYV28-100-TRManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageSOD-64, AxialSeries-Diode TypeAvalancheVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified I(D)3.5AVoltage - Forward (Vf) (Max) @ If1.1V @ 5ASpeedFast Recovery <Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ VrIµA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseSOD-64, AxialSupplier Device PackageSOD-64, AxialOperating Temperature - Junction-55°C ~ 175°C		
CategoryDiscrete Semiconductor Products Diodes - Rectifiers - SinglePackageSOD-64, AxialSeries-Diode TypeAvalancheVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Jo)3.5AVoltage - Forward (Vf) (Max) @ If1.1V @ 5ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ VrIµA @ 100VCurrent - Reverse Leakage @ VrSOD-64, AxialSpelier Device PackageSOD-64, AxialSupplier Device PackageSOD-64Operating Temperature - Junction-55°C ~ 175°C	Manufacturer Part Number	BYV28-100-TR
Diodes - Rectifiers - SinglePackageSOD-64, AxialSeries-Diode TypeAvalancheVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3.5AVoltage - Forward (Vf) (Max) @ If1.1V @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr1µA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseSOD-64, AxialSuppler Device PackageSOD-64Operating Temperature - Junction-55°C ~ 175°C	Manufacturer	Vishay Semiconductor Diodes Division
Package SOD-64, Axial Series - Diode Type Avalanche Voltage - DC Reverse (Vr) (Max) 100V Current - Average Rectified (Io) 3.5A Voltage - Forward (Vf) (Max) @ If 1.1V @ 5A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 30ns Current - Reverse Leakage @ Vr - Apacitance @ Vr, F - Mounting Type Through Hole Package / Case SOD-64, Axial Supplier Device Package SOD-64, Axial	Category	Discrete Semiconductor Products
Series-Diode TypeAvalancheVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) $3.5A$ Voltage - Forward (Vf) (Max) @ If $1.1V @ 5A$ SpeedFast Recovery =< $500ns, > 200mA$ (Io)Reverse Recovery Time (trr) $30ns$ Current - Reverse Leakage @ Vr $1\muA @ 100V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseSOD-64, AxialSupplier Device Package $50^{\circ}C ~ 175^{\circ}C$		Diodes - Rectifiers - Single
Diode TypeAvalancheVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3.5AVoltage - Forward (Vf) (Max) @ If1.1V @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr1.µA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseSOD-64, AxialSupplier Device PackageSOD-64Operating Temperature - Junction-55°C ~ 175°C	Package	SOD-64, Axial
Notage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Jo) $3.5A$ Voltage - Forward (Vf) (Max) @ If $1.1V @ 5A$ SpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr) $30ns$ Current - Reverse Leakage @ Vr $1\muA @ 100V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseSOD-64, AxialSupplier Device PackageSOD-64Operating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$	Series	-
Current - Average Rectified (Io) $3.5A$ Voltage - Forward (Vf) (Max) @ If $1.1V @ 5A$ SpeedFast Recovery =< $500ns$, > $200mA$ (Io)Reverse Recovery Time (trr) $30ns$ Current - Reverse Leakage @ Vr $1\mu A @ 100V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseSOD-64, AxialSupplier Device PackageSOD-64Operating Temperature - Junction -55° C ~ 175° C	Diode Type	Avalanche
Voltage - Forward (Vf) (Max) @ If $1.1V @ 5A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr) $30ns$ Current - Reverse Leakage @ Vr $1\mu A @ 100V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseSOD-64, AxialSupplier Device PackageSOD-64Operating Temperature - Junction-55°C ~ 175°C	Voltage - DC Reverse (Vr) (Max)	100V
Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 30ns Current - Reverse Leakage @ Vr 1µA @ 100V Capacitance @ Vr, F - Mounting Type Through Hole Package / Case SOD-64, Axial Supplier Device Package SOD-64 Operating Temperature - Junction -55°C ~ 175°C	Current - Average Rectified (Io)	3.5A
Reverse Recovery Time (trr)30nsCurrent - Reverse Leakage @ Vr1µA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseSOD-64, AxialSupplier Device PackageSOD-64Operating Temperature - Junction-55°C ~ 175°C	Voltage - Forward (Vf) (Max) @ If	1.1V @ 5A
Current - Reverse Leakage @ Vr1μA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseSOD-64, AxialSupplier Device PackageSOD-64Operating Temperature - Junction-55°C ~ 175°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseSOD-64, AxialSupplier Device PackageSOD-64Operating Temperature - Junction-55°C ~ 175°C	Reverse Recovery Time (trr)	30ns
Mounting TypeThrough HolePackage / CaseSOD-64, AxialSupplier Device PackageSOD-64Operating Temperature - Junction-55°C ~ 175°C	Current - Reverse Leakage @ Vr	1μA @ 100V
Package / CaseSOD-64, AxialSupplier Device PackageSOD-64Operating Temperature - Junction-55°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device PackageSOD-64Operating Temperature - Junction-55°C ~ 175°C	Mounting Type	Through Hole
Operating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$	Package / Case	SOD-64, Axial
	Supplier Device Package	SOD-64
Report errors	Operating Temperature - Junction	-55°C ~ 175°C
		Report errors?

BYV28-100-TR 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.

BYV28-100-TR Payment Methods





If you have any question about BYV28-100-TR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com