

# 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	- <b>52</b> -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 $-55^\circ$ C ~ $175^\circ$ 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