

SB320A-E3/54

a Quote

SB320A-E3/54 Information

	Part Number	SB320A-E3/54	
www.helsene.com	Manufacturer	Vishay Semiconductor Diodes Division	- MI 32
	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	- 23
	Description	DIODE SCHOTTKY 20V 3A DO201AD	- 1992
	Package	DO-201AD, Axial	-617
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request

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.



SB320A-E3/54 Specifications

ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-201AD, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-201AD, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201AD, AxialOperating Temperature - Junction-65°C ~ 150°C	Manufacturer Part Number	SB320A-E3/54
Diodes - Rectifiers - SinglePackageDO-201AD, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-201AD, AxialSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Category	Discrete Semiconductor Products
Series-Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCurrent - Reverse Leakage @ Vr-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Package	DO-201AD, Axial
Voltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Series	-
Current - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If500mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	20V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Current - Average Rectified (Io)	3A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr500μA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	500mV @ 3A
Current - Reverse Leakage @ Vr500µA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Current - Reverse Leakage @ Vr	500µA @ 20V
Package / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 150°C	Mounting Type	Through Hole
Operating Temperature - Junction $-65^{\circ}C \sim 150^{\circ}C$	Package / Case	DO-201AD, Axial
	Supplier Device Package	DO-201AD
Report errors?	Operating Temperature - Junction	-65°C ~ 150°C
		Report errors?

SB320A-E3/54 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.

SB320A-E3/54 Payment Methods





If you have any question about SB320A-E3/54, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com