

EGP30BHE3/54

uote

EGP30BHE3/54 Information

www.xelsener.com	Part Number Manufacturer Category Description Package	EGP30BHE3/54 Vishay Semiconductor Diodes Division Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE GEN PURP 100V 3A GP20 DO-201AA, DO-27, Axial For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Qu

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.



EGP30BHE3/54 Specifications

Manufacturer Part NumberEGP30BHE3/54ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-201AA, DO-27, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified I(D)3AVoltage - Forward (Vf) (Max) @ If950mV @ 3ASpeedFast Recovery < 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5µA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseGP20Operating Temperature - Junction65°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-201AA, DO-27, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Jo)3AVoltage - Forward (Vf) (Max) @ If950mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5µA @ 100VCurrent - Reverse Leakage @ Vr-Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction-50°C ~ 150°C	Manufacturer Part Number	EGP30BHE3/54
Diodes - Rectifiers - SinglePackageDO-201AA, DO-27, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If950mV @ 3ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5µA @ 100VCurrent - Reverse Leakage @ Vr5µA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction-55°C ~ 150°C	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-201AA, DO-27, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If950mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5 μ A @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction-55°C ~ 150°C	Category	Discrete Semiconductor Products
SeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If950mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5µA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction-5°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If950mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5µA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction-6°C ~ 150°C	Package	DO-201AA, DO-27, Axial
NoteNumberVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If950mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr $5\mu A @ 100V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction-65°C ~ 150°C	Series	SUPERECTIFIER?
Current - Average Rectified (Io) $3A$ Voltage - Forward (Vf) (Max) @ If $950mV @ 3A$ SpeedFast Recovery = $500ns$, $> 200mA (Io)$ Reverse Recovery Time (trr) $50ns$ Current - Reverse Leakage @ Vr $5\muA @ 100V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction $-65^{\circ}C \sim 150^{\circ}C$	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If950mV @ 3ASpeedFast Recovery $= 500ns$, $> 200mA$ (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr $5\mu A$ @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction-65°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	100V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5µA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction-65°C ~ 150°C	Current - Average Rectified (Io)	3A
Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5µA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction-65°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	950mV @ 3A
Current - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction-65°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction-65°C ~ 150°C	Reverse Recovery Time (trr)	50ns
Mounting TypeThrough HolePackage / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction-65°C ~ 150°C	Current - Reverse Leakage @ Vr	5µA @ 100V
Package / CaseDO-201AA, DO-27, AxialSupplier Device PackageGP20Operating Temperature - Junction-65°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device PackageGP20Operating Temperature - Junction-65°C ~ 150°C	Mounting Type	Through Hole
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Package / Case	DO-201AA, DO-27, Axial
	Supplier Device Package	GP20
Report errors'	Operating Temperature - Junction	-65°C ~ 150°C
		Report errors?

EGP30BHE3/54 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

Service Guarantees

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

EGP30BHE3/54 Payment Methods





If you have any question about EGP30BHE3/54, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com