

### **BY254GP-E3/54 Information**



For Reference Only

Part Number BY254GP-E3/54

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 800V 3A DO201AD

Package DO-201AD, Axial

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

## **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.









## **BY254GP-E3/54 Specifications**

Manufacturer Part NumberBY254GP-E3/54ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-201AD, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.1V @ 3ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 800VCapacitance @ Vr, F40pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201AD		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-201AD, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.1V @ 3ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 800VCapacitance @ Vr, F40pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, Axial	Manufacturer Part Number	BY254GP-E3/54
Diodes - Rectifiers - SinglePackageDO-201AD, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.1V @ 3ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 800VCapacitance @ Vr, F40pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, Axial	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-201AD, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.1V @ 3ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 800VCapacitance @ Vr, F40pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, Axial	Category	Discrete Semiconductor Products
SeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.1V @ 3ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 800VCapacitance @ Vr, F40pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, Axial		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.1V @ 3ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 800VCapacitance @ Vr, F40pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, Axial	Package	DO-201AD, Axial
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Package / Case  DO-201AD, Axial	Series	SUPERECTIFIER?
Current - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.1V @ 3ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 800VCapacitance @ Vr, F40pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, Axial	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  Sμs  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  40pF @ 4V, 1MHz  Mounting Type  Through Hole  Package / Case  DO-201AD, Axial	Voltage - DC Reverse (Vr) (Max)	800V
Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) $3\mu s$ Current - Reverse Leakage @ Vr $5\mu A$ @ 800V  Capacitance @ Vr, F $40pF$ @ 4V, $1MHz$ Mounting Type Through Hole  Package / Case DO-201AD, Axial	Current - Average Rectified (Io)	3A
Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Through Hole  Package / Case  DO-201AD, Axial	Voltage - Forward (Vf) (Max) @ If	1.1V @ 3A
Current - Reverse Leakage @ Vr 5µA @ 800V Capacitance @ Vr, F 40pF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-201AD, Axial	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F 40pF @ 4V, 1MHz  Mounting Type Through Hole  Package / Case DO-201AD, Axial	Reverse Recovery Time (trr)	3μs
Mounting Type Through Hole Package / Case DO-201AD, Axial	Current - Reverse Leakage @ Vr	5μA @ 800V
Package / Case DO-201AD, Axial	Capacitance @ Vr, F	40pF @ 4V, 1MHz
	Mounting Type	Through Hole
Supplier Device Package DO-201AD	Package / Case	DO-201AD, Axial
	Supplier Device Package	DO-201AD
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Operating Temperature - Junction	-65°C ~ 175°C
Report errors?		Report errors?

#### **BY254GP-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 Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### **BY254GP-E3/54 Payment Methods**



















# **BY254GP-E3/54 Shipping Methods**













If you have any question about BY254GP-E3/54, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com