

### **1N4003 Information**



For Reference Only

Part Number 1N4003

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 200V 1A DO41

Package DO-204AL, DO-41, Axial

For the pricing/inventory/lead time, please contact

us

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



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## **Certified Quality**

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## **1N4003 Specifications**

Manufacturer Part Number1N4003ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsPackageDO-204AL, DO-41, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr5µA @ 200VCapacitance @ Vr, F15pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-41Operating Temperature - Junction-55°C ~ 175°CReport errors?	11 (4005 Specifications	
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-204AL, DO-41, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr5μA @ 200VCapacitance @ Vr, F15pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-41Operating Temperature - Junction-55°C ~ 175°C	Manufacturer Part Number	1N4003
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Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)200VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr5μA @ 200VCapacitance @ Vr, F15pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-41Operating Temperature - Junction-55°C ~ 175°C		Diodes - Rectifiers - Single
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Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  1A  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  15pF @ 4V, 1MHz  Mounting Type  Package / Case  DO-204AL, DO-41, Axial  Supplier Device Package  Operating Temperature - Junction  200V  1.1V @ 1A  1.1V @ 1A	Series	-
Current - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr5μA @ 200VCapacitance @ Vr, F15pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-41Operating Temperature - Junction-55°C ~ 175°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  15pF @ 4V, 1MHz  Mounting Type  Through Hole  Package / Case  DO-204AL, DO-41, Axial  Supplier Device Package  Operating Temperature - Junction  1.1V @ 1A  1.1V @	Voltage - DC Reverse (Vr) (Max)	200V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr5μA @ 200VCapacitance @ Vr, F15pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-41Operating Temperature - Junction-55°C ~ 175°C	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr)	Voltage - Forward (Vf) (Max) @ If	1.1V @ 1A
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Capacitance @ Vr, F  15pF @ 4V, 1MHz  Mounting Type  Through Hole  Package / Case  DO-204AL, DO-41, Axial  Supplier Device Package  DO-41  Operating Temperature - Junction  15pF @ 4V, 1MHz  Through Hole  DO-204AL, DO-41, Axial  -55°C ~ 175°C	Reverse Recovery Time (trr)	-
Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-41 Operating Temperature - Junction -55°C ~ 175°C	Current - Reverse Leakage @ Vr	5μA @ 200V
Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-41 Operating Temperature - Junction -55°C ~ 175°C	Capacitance @ Vr, F	15pF @ 4V, 1MHz
Supplier Device Package DO-41 Operating Temperature - Junction -55°C ~ 175°C	Mounting Type	Through Hole
Operating Temperature - Junction $-55^{\circ}\text{C} \sim 175^{\circ}\text{C}$	Package / Case	DO-204AL, DO-41, Axial
	Supplier Device Package	DO-41
Report errors?	Operating Temperature - Junction	-55°C ~ 175°C
		Report errors?

### 1N4003 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.

# **1N4003 Payment Methods**





















# 1N4003 Shipping Methods













If you have any question about 1N4003, please do not hesitate to contact us!

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