

### 1N4148 Information

Heisener.com

Part Number

ManufacturerFairchild/Micross ComponentsCategoryDiscrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 100V 200MA SOD27

Package DO-204AH, DO-35, Axial

1N4148

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
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### **Certified Quality**

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# **1N4148 Specifications**

Manufacturer Part Number1N4148ManufacturerFairchild/Micross ComponentsCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-204AH, DO-35, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr5μA @ 75VCapacitance @ Vr, F4pF @ 0V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AH, DO-35, AxialSupplier Device PackageDO-35Operating Temperature - Junction-55°C ~ 175°C		
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  DO-204AH, DO-35, Axial  Series  Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Small Signal = < 200mA (Io), Any Speed  Reverse Recovery Time (trr)  4ns  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Through Hole  Package / Case  Supplier Device Package  DO-35  Operating Temperature - Junction  DO-204AH, DO-35, Axial  Operating Temperature - Junction	Manufacturer Part Number	1N4148
PackageDiodes - Rectifiers - SinglePackageDO-204AH, DO-35, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Manufacturer	Fairchild/Micross Components
PackageDO-204AH, DO-35, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ IfIV @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Category	Discrete Semiconductor Products
Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Package	DO-204AH, DO-35, Axial
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Package / Case  Operating Temperature - Junction  100V  200mA  1V @ 10mA  Small Signal =< 200mA (Io), Any Speed  4ns  5μA @ 75V  5μA @ 75V  4pF @ 0V, 1MHz  Through Hole  DO-204AH, DO-35, Axial  Supplier Device Package  Operating Temperature - Junction  100V  200mA  100V  4ns  100V  4ns  5μA @ 10mA  5μA @ 75V  5μA @ 75V  4pF @ 0V, 1MHz  Through Hole  DO-204AH, DO-35, Axial	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1V @ 10mA  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  4ns  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  4pF @ 0V, 1MHz  Mounting Type  Through Hole  Package / Case  DO-204AH, DO-35, Axial  Supplier Device Package  Operating Temperature - Junction  200mA  1V @ 10mA  Small Signal =< 200mA (Io), Any Speed  4ns  5µA @ 75V  5µA @ 75V  4pF @ 0V, 1MHz  Through Hole  DO-204AH, DO-35, Axial  Supplier Device Package  Operating Temperature - Junction	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Voltage - DC Reverse (Vr) (Max)	100V
$Speed Small Signal =< 200 mA (Io), Any Speed \\ Reverse Recovery Time (trr)                                  $	Current - Average Rectified (Io)	200mA
Reverse Recovery Time (trr) 4ns  Current - Reverse Leakage @ Vr $5\mu A$ @ $75V$ Capacitance @ Vr, F $4pF$ @ $0V$ , $1MHz$ Mounting Type Through Hole  Package / Case DO-204AH, DO-35, Axial  Supplier Device Package DO-35  Operating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$	Voltage - Forward (Vf) (Max) @ If	1V @ 10mA
Current - Reverse Leakage @ Vr $5\mu A$ @ $75V$ Capacitance @ Vr, F $4pF$ @ $0V$ , $1MHz$ Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35 Operating Temperature - Junction $-55^{\circ}C \sim 175^{\circ}C$	Speed	Small Signal =< 200mA (Io), Any Speed
Capacitance @ Vr, F 4pF @ 0V, 1MHz  Mounting Type Through Hole  Package / Case DO-204AH, DO-35, Axial  Supplier Device Package DO-35  Operating Temperature - Junction -55°C ~ 175°C	Reverse Recovery Time (trr)	4ns
Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35 Operating Temperature - Junction -55°C ~ 175°C	Current - Reverse Leakage @ Vr	5μA @ 75V
Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35 Operating Temperature - Junction -55°C ~ 175°C	Capacitance @ Vr, F	4pF @ 0V, 1MHz
Supplier Device Package DO-35 Operating Temperature - Junction -55°C ~ 175°C	Mounting Type	Through Hole
Operating Temperature - Junction -55°C ~ 175°C	Package / Case	DO-204AH, DO-35, Axial
	Supplier Device Package	DO-35
	Operating Temperature - Junction	-55°C ~ 175°C
Report errors?		Report errors?

### **1N4148 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.

## **1N4148 Payment Methods**





















# 1N4148 Shipping Methods













If you have any question about 1N4148, please do not hesitate to contact us!

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