

### 1N4449 Information



For Reference Only

Part Number 1N4449

Manufacturer Microsemi Corporation

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 75V 200MA DO35

Package DO-204AH, DO-35, Axial

For the pricing/inventory/lead time, please contact

us

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



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## **1N4449 Specifications**

Manufacturer Part NumberIN4449ManufacturerMicrosemi CorporationCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-204AH, DO-35, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)75VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ If1V @ 30mASpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr25nA @ 20VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-204AH, DO-35, AxialSupplier Device PackageDO-35Operating Temperature - Junction-65°C ~ 150°C		
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  Package  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  DO-204AH, DO-35, Axial  Supplier Device Package  DO-35	Manufacturer Part Number	1N4449
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  IV @ 30mA  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  4ns  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Package / Case  DO-204AH, DO-35, Axial  Supplier Device Package  DO-35	Manufacturer	Microsemi Corporation
Package DO-204AH, DO-35, Axial  Series -  Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 75V  Current - Average Rectified (Io) 200mA  Voltage - Forward (Vf) (Max) @ If 1V @ 30mA  Speed Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr) 4ns  Current - Reverse Leakage @ Vr 25nA @ 20V  Capacitance @ Vr, F  Mounting Type Through Hole  Package / Case DO-204AH, DO-35, Axial  Supplier Device Package DO-35	Category	Discrete Semiconductor Products
Series - Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 75V  Current - Average Rectified (Io) 200mA  Voltage - Forward (Vf) (Max) @ If 1V @ 30mA  Speed Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr) 4ns  Current - Reverse Leakage @ Vr 25nA @ 20V  Capacitance @ Vr, F - Mounting Type Through Hole  Package / Case DO-204AH, DO-35, Axial  Supplier Device Package DO-35		Diodes - Rectifiers - Single
Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  200mA  Voltage - Forward (Vf) (Max) @ If  1V @ 30mA  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  DO-204AH, DO-35, Axial  Supplier Device Package  DO-35	Package	DO-204AH, DO-35, Axial
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1V @ 30mA  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  DO-204AH, DO-35, Axial  Supplier Device Package  DO-35	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1V @ 30mA  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  DO-204AH, DO-35, Axial  Supplier Device Package  DO-35	Diode Type	Standard
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  DO-204AH, DO-35, Axial  Supplier Device Package  DO-35	Voltage - DC Reverse (Vr) (Max)	75V
Speed Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr) 4ns  Current - Reverse Leakage @ Vr 25nA @ 20V  Capacitance @ Vr, F -  Mounting Type Through Hole  Package / Case DO-204AH, DO-35, Axial  Supplier Device Package DO-35	Current - Average Rectified (Io)	200mA
Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Through Hole  Package / Case  DO-204AH, DO-35, Axial  Supplier Device Package  DO-35	Voltage - Forward (Vf) (Max) @ If	1V @ 30mA
Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Through Hole  Package / Case  DO-204AH, DO-35, Axial  Supplier Device Package  DO-35	Speed	Small Signal =< 200mA (Io), Any Speed
Capacitance @ Vr, F -  Mounting Type Through Hole  Package / Case DO-204AH, DO-35, Axial  Supplier Device Package DO-35	Reverse Recovery Time (trr)	4ns
Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35	Current - Reverse Leakage @ Vr	25nA @ 20V
Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35	Capacitance @ Vr, F	-
Supplier Device Package DO-35	Mounting Type	Through Hole
	Package / Case	DO-204AH, DO-35, Axial
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Supplier Device Package	DO-35
	Operating Temperature - Junction	-65°C ~ 150°C
Report errors?		Report errors?

### 1N4449 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.

### **1N4449 Payment Methods**



















# 1N4449 Shipping Methods













If you have any question about 1N4449, please do not hesitate to contact us!

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