

1N457 Information



For Reference Only

Part Number 1N457

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

Description DIODE GEN PURP 70V 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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1N457 Specifications

Manufacturer Part NumberIN457ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-204AH, DO-35, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)70VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ If1V @ 20mASpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)-Current - Reverse Leakage @ Vr25nA @ 60VCapacitance @ Vr, F8pF @ 0V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AH, DO-35, AxialSupplier Device PackageDO-35Operating Temperature - Junction175°C (Max)	•	
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 IV @ 20mA Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35 Operating Temperature - Junction	Manufacturer Part Number	1N457
Package DO-204AH, DO-35, Axial Series - Control Type Standard Voltage - DC Reverse (Vr) (Max) 70V Current - Average Rectified (Io) 200mA Voltage - Forward (Vf) (Max) @ If 1V @ 20mA Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 25nA @ 60V Capacitance @ Vr, F 8pF @ 0V, 1MHz Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35 Operating Temperature - Junction 175°C (Max)	Manufacturer	Fairchild/ON Semiconductor
Package DO-204AH, DO-35, Axial Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 70V Current - Average Rectified (Io) 200mA Voltage - Forward (Vf) (Max) @ If 1V @ 20mA Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 25nA @ 60V Capacitance @ Vr, F 8pF @ 0V, 1MHz Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35 Operating Temperature - Junction 175°C (Max)	Category	Discrete Semiconductor Products
Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 70V Current - Average Rectified (Io) 200mA Voltage - Forward (Vf) (Max) @ If 1V @ 20mA Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 25nA @ 60V Capacitance @ Vr, F 8pF @ 0V, 1MHz Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package Operating Temperature - Junction 175°C (Max)		Diodes - Rectifiers - Single
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) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package Operating Temperature - Junction Standard 70V 20mA 1V @ 20mA 5ve 20mA (Io), Any Speed 60V 25nA @ 60V Capacitance @ Vr, F 8pF @ 0V, 1MHz Through Hole DO-204AH, DO-35, Axial	Package	DO-204AH, DO-35, Axial
Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 1V @ 20mA Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F 8pF @ 0V, 1MHz Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package Operating Temperature - Junction 70V 200mA 175°C (Max)	Series	-
Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 1V @ 20mA Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F 8pF @ 0V, 1MHz Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35 Operating Temperature - Junction 175°C (Max)	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F 8pF @ 0V, 1MHz Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package Operating Temperature - Junction 175°C (Max)	Voltage - DC Reverse (Vr) (Max)	70V
Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F 8pF @ 0V, 1MHz Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35 Operating Temperature - Junction 175°C (Max)	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 Operating Temperature - Junction	Voltage - Forward (Vf) (Max) @ If	1V @ 20mA
Current - Reverse Leakage @ Vr Capacitance @ Vr, F 8pF @ 0V, 1MHz Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35 Operating Temperature - Junction 175°C (Max)	Speed	Small Signal =< 200mA (Io), Any Speed
Capacitance @ Vr, F 8pF @ 0V, 1MHz Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35 Operating Temperature - Junction 175°C (Max)	Reverse Recovery Time (trr)	-
Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35 Operating Temperature - Junction 175°C (Max)	Current - Reverse Leakage @ Vr	25nA @ 60V
Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35 Operating Temperature - Junction 175°C (Max)	Capacitance @ Vr, F	8pF @ 0V, 1MHz
Supplier Device Package DO-35 Operating Temperature - Junction 175°C (Max)	Mounting Type	Through Hole
Operating Temperature - Junction 175°C (Max)	Package / Case	DO-204AH, DO-35, Axial
	Supplier Device Package	DO-35
Report errors?	Operating Temperature - Junction	175°C (Max)
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1N457 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.

1N457 Payment Methods



















1N457 Shipping Methods













If you have any question about 1N457, please do not hesitate to contact us!

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