

1N4454 Information



For Reference Only

Part Number 1N4454

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

Description DIODE GEN PURP 50V 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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1N4454 Specifications

Manufacturer Part NumberIN4454ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-204AH, DO-35, AxialSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)50VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr100nA @ 50VCapacitance @ Vr, F4pF @ 0V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AH, DO-35, AxialSupplier Device PackageDO-35		
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 4pF @ 0V, 1MHz Mounting Type Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35	Manufacturer Part Number	1N4454
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 4pF @ 0V, 1MHz Mounting Type Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35	Manufacturer	Fairchild/ON Semiconductor
Package DO-204AH, DO-35, Axial Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 50V Current - Average Rectified (Io) 200mA Voltage - Forward (Vf) (Max) @ If 1V @ 10mA Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) 4ns Current - Reverse Leakage @ Vr 100nA @ 50V Capacitance @ Vr, F 4pF @ 0V, 1MHz Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package	Category	Discrete Semiconductor Products
Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 50V Current - Average Rectified (Io) 200mA Voltage - Forward (Vf) (Max) @ If 1V @ 10mA Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) 4ns Current - Reverse Leakage @ Vr 100nA @ 50V Capacitance @ Vr, F 4pF @ 0V, 1MHz Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35		Diodes - Rectifiers - Single
Diode Type 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 Standard 50V 200mA 1V @ 10mA 50V 4ns 100nA @ 50V 4pF @ 0V, 1MHz 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 @ 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	Series	-
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 4pF @ 0V, 1MHz 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 4pF @ 0V, 1MHz Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35	Voltage - DC Reverse (Vr) (Max)	50V
Speed Small Signal =< 200mA (Io), Any Speed Reverse Recovery Time (trr) 4ns Current - Reverse Leakage @ Vr 100nA @ 50V Capacitance @ Vr, F 4pF @ 0V, 1MHz 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 100nA @ 50V Capacitance @ Vr, F 4pF @ 0V, 1MHz Mounting Type Through Hole Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35	Voltage - Forward (Vf) (Max) @ If	1V @ 10mA
Current - Reverse Leakage @ Vr Capacitance @ Vr, F 4pF @ 0V, 1MHz 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 4pF @ 0V, 1MHz 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	100nA @ 50V
Package / Case DO-204AH, DO-35, Axial Supplier Device Package DO-35	Capacitance @ Vr, F	4pF @ 0V, 1MHz
Supplier Device Package DO-35	Mounting Type	Through Hole
	Package / Case	DO-204AH, DO-35, Axial
O C T 1750C (M.)	Supplier Device Package	DO-35
Operating Temperature - Junction 1/5°C (Max)	Operating Temperature - Junction	175°C (Max)
Report errors?		Report errors?

1N4454 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.

1N4454 Payment Methods



















1N4454 Shipping Methods













If you have any question about 1N4454, please do not hesitate to contact us!

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