



GP10T-M3/73 Information

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For Reference Only

Part Number GP10T-M3/73

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP 1.3KV 1A DO204AL

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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GP10T-M3/73 Specifications

Manufacturer Part NumberGP10T-M3/73ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-204AL, DO-41, AxialSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1300VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 1300VCapacitance @ Vr, F5pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-204AL, DO-41, AxialSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1300VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 1300VCapacitance @ Vr, F5pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 150°C	Manufacturer Part Number	GP10T-M3/73
Diodes - Rectifiers - SinglePackageDO-204AL, DO-41, AxialSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1300VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 1300VCapacitance @ Vr, F5pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 150°C	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-204AL, DO-41, AxialSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1300VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 1300VCapacitance @ Vr, F5pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 150°C	Category	Discrete Semiconductor Products
Series Automotive, AEC-Q101 Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1300V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If 1.1V @ 1A Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 3µs Current - Reverse Leakage @ Vr 5µA @ 1300V Capacitance @ Vr, F 5pF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41) Operating Temperature - Junction -65°C ~ 150°C		Diodes - Rectifiers - Single
Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1300V Current - Average Rectified (Io) 1A Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) 3µs Current - Reverse Leakage @ Vr 5µA @ 1300V Capacitance @ Vr, F 5pF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41) Operating Temperature - Junction Standard 1300V 1A 1.1V @ 1A 5pF @ 4V, 1MH 1.1V @ 1A 1.1V	Package	DO-204AL, DO-41, Axial
Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41) Operating Temperature - Junction	Series	Automotive, AEC-Q101
Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Standard Recovery >500ns, > 200mA (Io) Reverse Recovery Time (trr) Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Package / Case DO-204AL, DO-41, Axial Supplier Device Package Operating Temperature - Junction 1.1V @ 1A 1.1V @	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If1.1V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 1300VCapacitance @ Vr, F5pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	1300V
SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)3μsCurrent - Reverse Leakage @ Vr5μA @ 1300VCapacitance @ Vr, F5pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSupplier Device PackageDO-204AL (DO-41)Operating Temperature - Junction-65°C ~ 150°C	Current - Average Rectified (Io)	1A
Reverse Recovery Time (trr) $3\mu s$ Current - Reverse Leakage @ Vr $5\mu A$ @ $1300V$ Capacitance @ Vr, F $5pF$ @ $4V$, $1MHz$ Mounting Type $5pF$ @ $4V$, $1MHz$ Package / Case $5pF$ @ $4V$, $1MHz$ DO-204AL, DO-41, Axial $5pF$ DO-204AL (DO-41) Operating Temperature - Junction $5pF$ C ~ $150pF$ C	Voltage - Forward (Vf) (Max) @ If	1.1V @ 1A
Current - Reverse Leakage @ Vr $5\mu A$ @ $1300V$ Capacitance @ Vr, F $5pF$ @ $4V$, $1MHz$ Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41) $-65^{\circ}C \sim 150^{\circ}C$	Speed	Standard Recovery >500ns, > 200mA (Io)
Capacitance @ Vr, F 5pF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41) Operating Temperature - Junction -65°C ~ 150°C	Reverse Recovery Time (trr)	3μs
Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41) Operating Temperature - Junction -65°C ~ 150°C	Current - Reverse Leakage @ Vr	5μA @ 1300V
Package / Case DO-204AL, DO-41, Axial Supplier Device Package DO-204AL (DO-41) Operating Temperature - Junction -65°C ~ 150°C	Capacitance @ Vr, F	5pF @ 4V, 1MHz
Supplier Device Package DO-204AL (DO-41) Operating Temperature - Junction -65°C ~ 150°C	Mounting Type	Through Hole
Operating Temperature - Junction -65°C ~ 150°C	Package / Case	DO-204AL, DO-41, Axial
	Supplier Device Package	DO-204AL (DO-41)
Report errors?	Operating Temperature - Junction	-65°C ~ 150°C
		Report errors?

GP10T-M3/73 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.

GP10T-M3/73 Payment Methods





















GP10T-M3/73 Shipping Methods













If you have any question about GP10T-M3/73, please do not hesitate to contact us!

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