



SF32GHR0G Information

Heisener.com

Part Number SF32GHR0G Manufacturer TSC America Inc.

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE, SUPER FAST, 3A, 100V, 35N

DO-201AD, Axial **Package**

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









SF32GHR0G Specifications

Manufacturer Part NumberSF32GHR0GManufacturerTSC America Inc.CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-201AD, AxialSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If950mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	STOZGIII O SPECIII CUI OII S	
Category Discrete Semiconductor Products Diodes - Rectifiers - Single DO-201AD, Axial Series Automotive, AEC-Q101 Diode Type Standard Voltage - DC Reverse (Vr) (Max) 100V Current - Average Rectified (Io) 3A Voltage - Forward (Vf) (Max) @ If 950mV @ 3A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 35ns Current - Reverse Leakage @ Vr 5µA @ 100V Capacitance @ Vr, F 80pF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-201AD, Axial Supplier Device Package DO-201AD Operating Temperature - Junction	Manufacturer Part Number	SF32GHR0G
PackageDiodes - Rectifiers - SingleSeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If950mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	Manufacturer	TSC America Inc.
Package DO-201AD, Axial Series Automotive, AEC-Q101 Diode Type Standard Voltage - DC Reverse (Vr) (Max) 100V Current - Average Rectified (Io) 3A Voltage - Forward (Vf) (Max) @ If 950mV @ 3A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 35ns Current - Reverse Leakage @ Vr 5µA @ 100V Capacitance @ Vr, F 80pF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-201AD, Axial Supplier Device Package DO-201AD Operating Temperature - Junction -55°C ~ 150°C	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If950mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If950mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	Package	DO-201AD, Axial
Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) 3A Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery = < 500ns, > 200mA (Io) Reverse Recovery Time (trr) 35ns Current - Reverse Leakage @ Vr 5μA @ 100V Capacitance @ Vr, F 80pF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-201AD, Axial Supplier Device Package Operating Temperature - Junction 100V 3A 950mV @ 3A Fast Recovery = < 500ns, > 200mA (Io) 35ns Current - Reverse Leakage @ Vr 5μA @ 100V 5μA @ 100V Capacitance @ Vr, F 80pF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-201AD, Axial Supplier Device Package Operating Temperature - Junction -55°C ~ 150°C	Series	Automotive, AEC-Q101
Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 35ns Current - Reverse Leakage @ Vr Capacitance @ Vr, F 80pF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-201AD, Axial Supplier Device Package Operating Temperature - Junction 3A 950mV @ 3A Fast Recovery =< 500ns, > 200mA (Io) 35ns 5µA @ 100V 5µA @ 100V 50-201AD 50-201AD 50-201AD	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If950mV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	100V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	3A
Reverse Recovery Time (trr)35nsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	950mV @ 3A
Current - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F80pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-55°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F 80pF @ 4V, 1MHz Mounting Type Through Hole Package / Case DO-201AD, Axial Supplier Device Package DO-201AD Operating Temperature - Junction -55°C ~ 150°C	Reverse Recovery Time (trr)	35ns
Mounting Type Through Hole Package / Case DO-201AD, Axial Supplier Device Package DO-201AD Operating Temperature - Junction Through Hole DO-201AD, Axial -55°C ~ 150°C	Current - Reverse Leakage @ Vr	5μA @ 100V
Package / Case DO-201AD, Axial Supplier Device Package DO-201AD Operating Temperature - Junction -55°C ~ 150°C	Capacitance @ Vr, F	80pF @ 4V, 1MHz
Supplier Device Package DO-201AD Operating Temperature - Junction -55°C ~ 150°C	Mounting Type	Through Hole
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	DO-201AD, Axial
	Supplier Device Package	DO-201AD
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

SF32GHR0G 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.

SF32GHR0G Payment Methods



















SF32GHR0G Shipping Methods













If you have any question about SF32GHR0G, please do not hesitate to contact us!

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