



MBR40250G Information



For Reference Only

Part Number MBR40250G

Manufacturer ON Semiconductor

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

Description DIODE SCHOTTKY 250V 40A TO220-2

Package TO-220-2

For the pricing/inventory/lead time, please contact

us

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



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MBR40250G Specifications

Manufacturer Part NumberMBR40250GManufacturerON SemiconductorCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-220-2SeriesSWITCHMODE?Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)250VCurrent - Average Rectified (Io)40AVoltage - Forward (Vf) (Max) @ If970mV @ 40ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)35nsCurrent - Reverse Leakage @ Vr30µA @ 250VCapacitance @ Vr, F500pF @ 5V, 1MHzMounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220-2Operating Temperature - Junction-65°C ~ 150°CReport errors?	Tibitioze of Specifications	
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Package Package TO-220-2 Series SWITCHMODE? Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 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 500pF @ 5V, 1MHz Mounting Type Through Hole Package / Case Supplier Device Package Operating Temperature - Junction Diodes - Rectifiers - Single TO-220-2 Through Hole To-220-2 TO-220-2 TO-220-2 TO-220-2 TO-220-2 TO-210°C	Manufacturer	ON Semiconductor
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Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 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 500pF @ 5V, 1MHz Mounting Type Through Hole Package / Case TO-220-2 Supplier Device Package Operating Temperature - Junction Schottky 250V 40A 970mV @ 40A 50ns, > 200mA (Io) 35ns Current - Reverse Leakage @ Vr 30µA @ 250V Through Hole Through Hole To-220-2 Supplier Device Package Operating Temperature - Junction -65°C ~ 150°C	Package	TO-220-2
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Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 35ns Current - Reverse Leakage @ Vr Capacitance @ Vr, F 500pF @ 5V, 1MHz Mounting Type Through Hole Package / Case TO-220-2 Supplier Device Package Operating Temperature - Junction 970mV @ 40A 970mV @ 40A 970mV @ 40A 150ns 150ns	Voltage - DC Reverse (Vr) (Max)	250V
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Capacitance @ Vr, F 500pF @ 5V, 1MHz Mounting Type Through Hole Package / Case TO-220-2 Supplier Device Package TO-220-2 Operating Temperature - Junction -65°C ~ 150°C	Reverse Recovery Time (trr)	35ns
Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackageTO-220-2Operating Temperature - Junction $-65^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Current - Reverse Leakage @ Vr	30μA @ 250V
Package / CaseTO-220-2Supplier Device PackageTO-220-2Operating Temperature - Junction -65° C ~ 150° C	Capacitance @ Vr, F	500pF @ 5V, 1MHz
Supplier Device Package $TO-220-2$ Operating Temperature - Junction $-65^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Mounting Type	Through Hole
Operating Temperature - Junction $-65^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Package / Case	TO-220-2
	Supplier Device Package	TO-220-2
Report errors?	Operating Temperature - Junction	-65°C ~ 150°C
		Report errors?

MBR40250G 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.

MBR40250G Payment Methods



















MBR40250G Shipping Methods













If you have any question about MBR40250G, please do not hesitate to contact us!

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