



MMBD914-G3-18 Information



For Reference Only

Part Number MMBD914-G3-18

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP 100V 200MA SOT23

Package TO-236-3, SC-59, SOT-23-3

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com 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.









MMBD914-G3-18 Specifications

Manufacturer Part NumberMMBD914-G3-18ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr5μA @ 75VCapacitance @ Vr, F4pF @ 0V, 1MHzMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23Operating Temperature - Junction150°C (Max)		
Category Discrete Semiconductor Products Diodes - Rectifiers - Single Package TO-236-3, SC-59, SOT-23-3 Series Automotive, AEC-Q101 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 Mounting Type Package / Case Supplier Device Package Operating Temperature - Junction Diodes - Rectifiers - Single TO-236-3, SC-59, SOT-23-3 Supplier Device Package Ogerating Temperature - Junction	Manufacturer Part Number	MMBD914-G3-18
Diodes - Rectifiers - SinglePackageTO-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Manufacturer	Vishay Semiconductor Diodes Division
PackageTO-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Category	Discrete Semiconductor Products
SeriesAutomotive, AEC-Q101Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Package	TO-236-3, SC-59, SOT-23-3
Voltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)200mAVoltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Series	Automotive, AEC-Q101
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 Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package Operating Temperature - Junction 200mA 1V @ 10mA Small Signal =< 200mA (Io), Any Speed 4ns 5µA @ 75V 4pF @ 0V, 1MHz Surface Mount TO-236-3, SC-59, SOT-23-3	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If1V @ 10mASpeedSmall Signal =< 200mA (Io), Any Speed	Voltage - DC Reverse (Vr) (Max)	100V
SpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)4nsCurrent - Reverse Leakage @ Vr5μA @ 75VCapacitance @ Vr, F4pF @ 0V, 1MHzMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23Operating Temperature - Junction150°C (Max)	Current - Average Rectified (Io)	200mA
Reverse Recovery Time (trr) Current - Reverse Leakage @ Vr SµA @ 75V Capacitance @ Vr, F 4pF @ 0V, 1MHz Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23 Operating Temperature - Junction 4ns 4ns 4ns 5µA @ 75V 4pF @ 0V, 1MHz Surface Mount TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23 Operating Temperature - Junction	Voltage - Forward (Vf) (Max) @ If	1V @ 10mA
Current - Reverse Leakage @ Vr Capacitance @ Vr, F 4pF @ 0V, 1MHz Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23 Operating Temperature - Junction 5µA @ 75V 4pF @ 0V, 1MHz Surface Mount TO-236-3, SC-59, SOT-23-3 SUPPLIED TO	Speed	Small Signal =< 200mA (Io), Any Speed
Capacitance @ Vr, F 4pF @ 0V, 1MHz Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23 Operating Temperature - Junction 150°C (Max)	Reverse Recovery Time (trr)	4ns
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23 Operating Temperature - Junction 150°C (Max)	Current - Reverse Leakage @ Vr	5μA @ 75V
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23 Operating Temperature - Junction 150°C (Max)	Capacitance @ Vr, F	4pF @ 0V, 1MHz
Supplier Device Package SOT-23 Operating Temperature - Junction 150°C (Max)	Mounting Type	Surface Mount
Operating Temperature - Junction 150°C (Max)	Package / Case	TO-236-3, SC-59, SOT-23-3
	Supplier Device Package	SOT-23
Report errors?	Operating Temperature - Junction	150°C (Max)
		Report errors?

MMBD914-G3-18 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.

MMBD914-G3-18 Payment Methods



















MMBD914-G3-18 Shipping Methods













If you have any question about MMBD914-G3-18, please do not hesitate to contact us!

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