

MBR6045 Information

Heisener.com

Part Number MBR6045

Manufacturer GeneSiC Semiconductor

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE SCHOTTKY 45V 60A DO5

DO-203AB, DO-5, Stud **Package**

For the pricing/inventory/lead time, please contact

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

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MBR6045 Specifications

Manufacturer Part NumberMBR6045ManufacturerGeneSiC SemiconductorCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-203AB, DO-5, StudSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)60AVoltage - Forward (Vf) (Max) @ If650mV @ 60ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr5mA @ 20VCapacitance @ Vr, F-Mounting TypeChassis, Stud MountPackage / CaseDO-203AB, DO-5, StudSupplier Device PackageDO-5Operating Temperature - Junction-65°C ~ 150°CReport errors?	Tiblio is specifications	
Category Discrete Semiconductor Products Diodes - Rectifiers - Single DO-203AB, DO-5, Stud Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 45V Current - Average Rectified (Io) 60A Voltage - Forward (Vf) (Max) @ If 650mV @ 60A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package DO-5 Operating Temperature - Junction - Circumat - Reverse Leakage DO-5 Operating Temperature - Junction - Considered Single Do-203AB, DO-5 Do-203AB	Manufacturer Part Number	MBR6045
Package DO-203AB, DO-5, Stud Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 45V Current - Average Rectified (Io) 60A Voltage - Forward (Vf) (Max) @ If 650mV @ 60A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package DO-5 Operating Temperature - Junction -65°C ~ 150°C	Manufacturer	GeneSiC Semiconductor
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Series - Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 45V Current - Average Rectified (Io) 60A Voltage - Forward (Vf) (Max) @ If 650mV @ 60A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 5mA @ 20V Capacitance @ Vr, F - Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package DO-5 Operating Temperature - Junction -65°C ~ 150°C		Diodes - Rectifiers - Single
Diode Type Schottky Voltage - DC Reverse (Vr) (Max) 45V Current - Average Rectified (Io) 60A Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery = < 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package Operating Temperature - Junction Schottky 65V Capacitance Schottky 65V 60A 650mV @ 60A 65	Package	DO-203AB, DO-5, Stud
Voltage - DC Reverse (Vr) (Max) Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 650mV @ 60A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr SmA @ 20V Capacitance @ Vr, F Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package Operating Temperature - Junction 45V 60A Fast Recovery =< 500ns, > 200mA (Io) - Chassis, Stud Mount Chassis, Stud Mount DO-203AB, DO-5, Stud Supplier Device Package Operating Temperature - Junction -65°C ~ 150°C	Series	-
Current - Average Rectified (Io) 60A Voltage - Forward (Vf) (Max) @ If 650mV @ 60A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr 5mA @ 20V Capacitance @ Vr, F - Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package DO-5 Operating Temperature - Junction -65°C ~ 150°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package Operating Temperature - Junction 650mV @ 60A Fast Recovery =< 500ns, > 200mA (Io) - Chassis, Stud Mount DO-203AB, DO-5 - Chassis, Stud Mount DO-203AB, DO-5, Stud Comparison of the properature of the	Voltage - DC Reverse (Vr) (Max)	45V
Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) - Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package DO-5 Operating Temperature - Junction Fast Recovery =< 500ns, > 200mA (Io) - Chassis, > 200mA (Io) - DO-203AB, DO-5 - Chassis, Stud Mount DO-203AB, DO-5, Stud - Comparison of the package DO-5 - Comparison of the package	Current - Average Rectified (Io)	60A
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Capacitance @ Vr, F Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package DO-5 Operating Temperature - Junction -65°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting Type Chassis, Stud Mount Package / Case DO-203AB, DO-5, Stud Supplier Device Package DO-5 Operating Temperature - Junction -65°C ~ 150°C	Current - Reverse Leakage @ Vr	5mA @ 20V
Package / Case DO-203AB, DO-5, Stud Supplier Device Package DO-5 Operating Temperature - Junction -65°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device Package DO-5 Operating Temperature - Junction $-65^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Mounting Type	Chassis, Stud Mount
Operating Temperature - Junction -65°C ~ 150°C	Package / Case	DO-203AB, DO-5, Stud
	Supplier Device Package	DO-5
Report errors?	Operating Temperature - Junction	-65°C ~ 150°C
		Report errors?

MBR6045 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.

MBR6045 Payment Methods



















MBR6045 Shipping Methods













If you have any question about MBR6045, please do not hesitate to contact us!

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