

MBR1045ULPS-TP

MBR1045ULPS-TP Information

www.holsener.com	 MBR1045ULPS-TP Micro Commercial Co Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE SCHOTTKY 45V 10A TO277B TO-277, 3-PowerDFN For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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MBR1045ULPS-TP Specifications

ManufacturerMicro Commercial CoCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-277, 3-PowerDFNSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)10AVoltage - Forward (Vf) (Max) @ If470mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr250µA @ 45VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277BOperating Temperature - Junction55°C ~ 150°C		
CategoryDiscrete Semiconductor Products Diodes - Rectifiers - SinglePackageTO-277, 3-PowerDFNSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)10AVoltage - Forward (Vf) (Max) @ If470mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr250µA @ 45VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277BOperating Temperature - Junction-55°C ~ 150°C	Manufacturer Part Number	MBR1045ULPS-TP
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Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)10AVoltage - Forward (Vf) (Max) @ If470mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr250µA @ 45VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277BOperating Temperature - Junction-55°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)10AVoltage - Forward (Vf) (Max) @ If470mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr250µA @ 45VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device Package55°C ~ 150°C	Package	TO-277, 3-PowerDFN
Voltage - DC Reverse (Vr) (Max)45VCurrent - Average Rectified (Io)10AVoltage - Forward (Vf) (Max) @ If470mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr250µA @ 45VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277BOperating Temperature - Junction-55°C ~ 150°C	Series	-
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Voltage - Forward (Vf) (Max) @ If470mV @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr250µA @ 45VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277BOperating Temperature - Junction-55°C ~ 150°C	Voltage - DC Reverse (Vr) (Max)	45V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr250µA @ 45VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277BOperating Temperature - Junction-55°C ~ 150°C	Current - Average Rectified (Io)	10A
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Current - Reverse Leakage @ Vr250µA @ 45VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277BOperating Temperature - Junction-55°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277BOperating Temperature - Junction-55°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting TypeSurface MountPackage / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277BOperating Temperature - Junction-55°C ~ 150°C	Current - Reverse Leakage @ Vr	250µA @ 45V
Package / CaseTO-277, 3-PowerDFNSupplier Device PackageTO-277BOperating Temperature - Junction-55°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device PackageTO-277BOperating Temperature - Junction-55°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	TO-277, 3-PowerDFN
	Supplier Device Package	TO-277B
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

MBR1045ULPS-TP 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.

MBR1045ULPS-TP Payment Methods



MBR1045ULPS-TP Shipping Methods



If you have any question about MBR1045ULPS-TP, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com