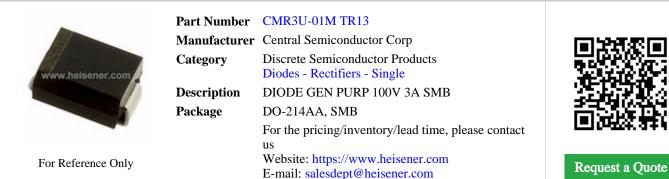


CMR3U-01M TR13

CMR3U-01M TR13 Information



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.



CMR3U-01M TR13 Specifications

Manufacturer Part Number CMR3U-01M TR13 Manufacturer Central Semiconductor Corp Category Discrete Semiconductor Products Diodes - Rectifiers - Single Diodes - Rectifiers - Single Package DO-214AA, SMB Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 100V Current - Average Rectified (Io) 3A Voltage - Forward (Vf) (Max) @ If IV @ 3A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) Sons Current - Reverse Leakage @ Vr SµA @ 100V Capacitance @ Vr, F - Mounting Type Surface Mount Package / Case SOMB Supplier Device Package SMB Operating Temperature - Junction -65°C ~ 175°C		
CategoryDiscrete Semiconductor Products Diodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ IfIV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5µA @ 100VCurrent - Reverse Leakage @ VrSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-65°C ~ 175°C	Manufacturer Part Number	CMR3U-01M TR13
Diodes - Rectifiers - SinglePackageDO-214AA, SMBSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ IfIV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5µA @ 100VCurrent - Reverse Leakage @ Vr5µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-65°C ~175°C	Manufacturer	Central Semiconductor Corp
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Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ IfIV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-65°C ~ 175°C		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ IfIV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5µA @ 100VCapacitance @ Vr, FSurface MountPackage / CaseDo-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction65°C ~ 175°C	Package	DO-214AA, SMB
Notage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io) $3A$ Voltage - Forward (Vf) (Max) @ If $1V @ 3A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr) $50ns$ Current - Reverse Leakage @ Vr $5\mu A @ 100V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction $-65^\circ C \sim 175^\circ C$	Series	-
Current - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ IfIV @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-65°C ~ 175°C	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $1V @ 3A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr) $50ns$ Current - Reverse Leakage @ Vr $5\mu A @ 100V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction -65° C ~ 175°C	Voltage - DC Reverse (Vr) (Max)	100V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5µA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-65°C ~ 175°C	Current - Average Rectified (Io)	3A
Reverse Recovery Time (trr)50nsCurrent - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-65°C ~ 175°C	Voltage - Forward (Vf) (Max) @ If	1V @ 3A
Current - Reverse Leakage @ Vr5μA @ 100VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-65°C ~ 175°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-65°C ~ 175°C	Reverse Recovery Time (trr)	50ns
Mounting TypeSurface MountPackage / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-65°C ~ 175°C	Current - Reverse Leakage @ Vr	5µA @ 100V
Package / CaseDO-214AA, SMBSupplier Device PackageSMBOperating Temperature - Junction-65°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device PackageSMBOperating Temperature - Junction-65°C ~ 175°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-65^{\circ}C \sim 175^{\circ}C$	Package / Case	DO-214AA, SMB
	Supplier Device Package	SMB
Report errors?	Operating Temperature - Junction	-65°C ~ 175°C
		Report errors?

CMR3U-01M TR13 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

CMR3U-01M TR13 Payment Methods



CMR3U-01M TR13 Shipping Methods



If you have any question about CMR3U-01M TR13, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com