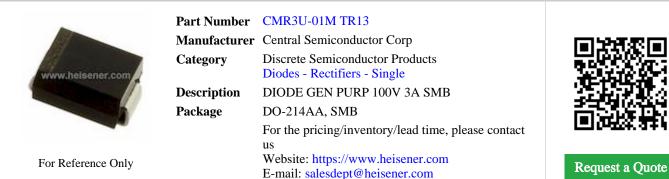


# CMR3U-01M TR13

# **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
PackageDO-214AA, SMBSeries-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)100VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1V @ 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	Category	Discrete Semiconductor Products
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 $-65^\circ$ 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