

# CMS14(TE12L,Q,M)

## CMS14(TE12L,Q,M) Information

Heisener.com	CMS14(TE12L,Q,M) Toshiba Semiconductor and Storage Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE SCHOTTKY 60V 2A MFLAT SOD-128 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

#### **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.



### CMS14(TE12L,Q,M) Specifications

ManufacturerToshiba Semiconductor and StorageCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageSOD-128Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max) $60V$ Current - Average Rectified (Io) $2A$ Voltage - Forward (Vf) (Max) @ If $580mV @ 2A$ SpeedFast Recovery =< $500ns$ , > $200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $200\muA @ 60V$ Capacitance @ Vr, F-Mouning TypeSurface MountPackage / CaseSOD-128Supplier Device PackageM-FLAT (2.4x3.8)Operating Temperature - Junction $-40^{\circ}C \sim 150^{\circ}C$		
CategoryDiscrete Semiconductor ProductsPackageDiodes - Rectifiers - SinglePackageSOD-128Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If580mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (ttr)-Current - Reverse Leakage @ Vr200µA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseSOD-128Supplier Device PackageM-FLAT (2.4x3.8)Operating Temperature - Junction-40°C ~ 150°C	Manufacturer Part Number	CMS14(TE12L,Q,M)
Diodes - Rectifiers - SinglePackageSOD-128Series-Diode TypeSchotkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Jo)2AVoltage - Forward (Vf) (Max) @ If580mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200µA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseSOD-128Supplier Device PackageH-FLAT (2.4x3.8)Operating Temperature - Junction-40°C ~ 150°C	Manufacturer	Toshiba Semiconductor and Storage
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Series -   Series -   Diode Type Schottky   Voltage - DC Reverse (Vr) (Max) 60V   Current - Average Rectified (Io) 2A   Voltage - Forward (Vf) (Max) @ If 580mV @ 2A   Speed Fast Recovery =< 500ns, > 200mA (Io)   Reverse Recovery Time (trr) -   Current - Reverse Leakage @ Vr 200μA @ 60V   Capacitance @ Vr, F -   Mounting Type Surface Mount   Package / Case SOD-128   Supplier Device Package M-FLAT (2.4x3.8)   Operating Temperature - Junction -40°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If580mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200µA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseSOD-128Supplier Device PackageM-FLAT (2.4x3.8)Operating Temperature - Junction-40°C ~ 150°C	Package	SOD-128
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SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200µA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseSOD-128Supplier Device PackageM-FLAT (2.4x3.8)Operating Temperature - Junction-40°C ~ 150°C	Current - Average Rectified (Io)	2A
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Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseSOD-128Supplier Device PackageM-FLAT (2.4x3.8)Operating Temperature - Junction-40°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting TypeSurface MountPackage / CaseSOD-128Supplier Device PackageM-FLAT (2.4x3.8)Operating Temperature - Junction-40°C ~ 150°C	Current - Reverse Leakage @ Vr	200µA @ 60V
Package / CaseSOD-128Supplier Device PackageM-FLAT (2.4x3.8)Operating Temperature - Junction-40°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device PackageM-FLAT (2.4x3.8)Operating Temperature - Junction-40°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Package / Case	SOD-128
	Supplier Device Package	M-FLAT (2.4x3.8)
Report errors?	Operating Temperature - Junction	-40°C ~ 150°C
		Report errors?

#### CMS14(TE12L,Q,M) 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.

#### CMS14(TE12L,Q,M) Payment Methods





If you have any question about CMS14(TE12L,Q,M), please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com