



CEDM7002AE TR Information



For Reference Only

Part Number CEDM7002AE TR

ManufacturerCentral Semiconductor CorpCategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - Single

Description MOSFET NCH 60V 0.3A SOT883

Package SC-101, SOT-883

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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CEDM7002AE TR Specifications

Manufacturer Part Number CEDM7002AE TR Manufacturer Central Semiconductor Corp Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package SC-101, SOT-883 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 300mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.5V, 10V Vgs(th) (Max) @ Id 2V @ 250µA Gate Charge (Qg) (Max) @ Vgs 0.5nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 50pF @ 25V Vgs (Max) 20V FET Feature - Power Dissipation (Max) 100mW (Ta) Rds On (Max) @ Id, Vgs 1.4 Ohm @ 500mA, 10V Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-883L Package / Case SC-101, SOT-883		
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Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 300mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 2.5V, 10V Vgs(th) (Max) @ Id 2V @ 250μA Gate Charge (Qg) (Max) @ Vgs 0.5nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 50pF @ 25V Vgs (Max) 20V FET Feature - Power Dissipation (Max) 100mW (Ta) Rds On (Max) @ Id, Vgs 1.4 Ohm @ 500mA, 10V Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-883L Package / Case SC-101, SOT-883		Transistors - FETs, MOSFETs - Single
FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C300mA (Ta)Drive Voltage (Max Rds On, Min Rds On)2.5V, 10VVgs(th) (Max) @ Id2V @ 250μAGate Charge (Qg) (Max) @ Vgs0.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds50pF @ 25VVgs (Max)20VFET Feature-Power Dissipation (Max)100mW (Ta)Rds On (Max) @ Id, Vgs1.4 Ohm @ 500mA, 10VOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-883LPackage / CaseSC-101, SOT-883	Package	SC-101, SOT-883
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C300mA (Ta)Drive Voltage (Max Rds On, Min Rds On)2.5V, 10VVgs(th) (Max) @ Id2V @ 250μAGate Charge (Qg) (Max) @ Vgs0.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds50pF @ 25VVgs (Max)20VFET Feature-Power Dissipation (Max)100mW (Ta)Rds On (Max) @ Id, Vgs1.4 Ohm @ 500mA, 10VOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-883LPackage / CaseSC-101, SOT-883	Series	-
Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C300mA (Ta)Drive Voltage (Max Rds On, Min Rds On)2.5V, 10VVgs(th) (Max) @ Id2V @ 250μAGate Charge (Qg) (Max) @ Vgs0.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds50pF @ 25VVgs (Max)20VFET Feature-Power Dissipation (Max)100mW (Ta)Rds On (Max) @ Id, Vgs1.4 Ohm @ 500mA, 10VOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-883LPackage / CaseSC-101, SOT-883	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) 2.5V, 10V Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) Vgs (Max) 20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.4 Ohm @ 500mA, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case SC-101, SOT-883	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)2.5V, 10VVgs(th) (Max) @ Id2V @ 250μAGate Charge (Qg) (Max) @ Vgs0.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds50pF @ 25VVgs (Max)20VFET Feature-Power Dissipation (Max)100mW (Ta)Rds On (Max) @ Id, Vgs1.4 Ohm @ 500mA, 10VOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-883LPackage / CaseSC-101, SOT-883	Drain to Source Voltage (Vdss)	60V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.4 Ohm @ 500mA, 10V Operating Temperature Operating Type Surface Mount Supplier Device Package Package / Case SC-101, SOT-883	Current - Continuous Drain (Id) @ 25°C	300mA (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 50pF @ 25V Vgs (Max) 20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.4 Ohm @ 500mA, 10V Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-883L Package / Case 0.5nC @ 4.5V 100mW (Ta) 100mW (Ta) 100mW (Ta) 1.4 Ohm @ 500mA, 10V -65°C ~ 150°C (TJ) Surface Mount	Drive Voltage (Max Rds On, Min Rds On)	2.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.4 Ohm @ 500mA, 10V Operating Temperature Operating Type Surface Mount Supplier Device Package Package / Case SC-101, SOT-883	Vgs(th) (Max) @ Id	2V @ 250μA
Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.4 Ohm @ 500mA, 10V Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-883L Package / Case SC-101, SOT-883	Gate Charge (Qg) (Max) @ Vgs	0.5nC @ 4.5V
FET Feature - Power Dissipation (Max) 100mW (Ta) Rds On (Max) @ Id, Vgs 1.4 Ohm @ 500mA, 10V Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-883L Package / Case SC-101, SOT-883	Input Capacitance (Ciss) (Max) @ Vds	50pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 1.4 Ohm @ 500mA, 10V Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-883L Package / Case SC-101, SOT-883	Vgs (Max)	20V
Rds On (Max) @ Id, Vgs1.4 Ohm @ 500mA, 10VOperating Temperature-65°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-883LPackage / CaseSC-101, SOT-883	FET Feature	-
Operating Temperature -65°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-883L Package / Case SC-101, SOT-883	Power Dissipation (Max)	100mW (Ta)
Mounting Type Surface Mount Supplier Device Package SOT-883L Package / Case SC-101, SOT-883	Rds On (Max) @ Id, Vgs	1.4 Ohm @ 500mA, 10V
Supplier Device Package SOT-883L Package / Case SC-101, SOT-883	Operating Temperature	-65°C ~ 150°C (TJ)
Package / Case SC-101, SOT-883	Mounting Type	Surface Mount
	Supplier Device Package	SOT-883L
Report errors?	Package / Case	SC-101, SOT-883
		Report errors?

CEDM7002AE TR 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.

CEDM7002AE TR Payment Methods





















CEDM7002AE TR Shipping Methods













If you have any question about CEDM7002AE TR, please do not hesitate to contact us!

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