



CPC5602CTR Information



For Reference Only

Part Number CPC5602CTR

Manufacturer IXYS Integrated Circuits Division

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 350V 5MA SOT-223

Package TO-261-4, TO-261AA

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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CPC5602CTR Specifications

Manufacturer Part NumberCPC5602CTRManufacturerIXYS Integrated Circuits DivisionCategoryDiscrete Semiconductor Products Transistors - FETs, MOSFETs - SinglePackageTO-261-4, TO-261AASeries-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)350VCurrent - Continuous Drain (Id) @ 25°C5mA (Ta)Drive Voltage (Max Rds On, Min Rds On)-0.35VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds300pF @ 0VVgs (Max)±20VFET FeatureDepletion ModePower Dissipation (Max)2.5W (Ta)Rds On (Max) @ Id, Vgs14 Ohm @ 50mA, 350mVOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AAReport errors?		
Category Discrete Semiconductor Products Package TO-261-4, TO-261AA Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 350V Current - Continuous Drain (Id) @ 25°C 5mA (Ta) Drive Voltage (Max Rds On, Min Rds On) -0.35V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 300pF @ 0V Vgs (Max) ±20V FET Feature Depletion Mode Power Dissipation (Max) 2.5W (Ta) Rds On (Max) @ Id, Vgs 14 Ohm @ 50mA, 350mV Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Manufacturer Part Number	CPC5602CTR
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FET Type N-Channel Technology MOSFET (Metal Oxide) Tanit to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 5mA (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Depletion Mode Power Dissipation (Max) Rds On (Max) @ Id, Vgs 14 Ohm @ 50mA, 350mV Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case TO-261-4, TO-261AA	Package	TO-261-4, TO-261AA
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Drain to Source Voltage (Vdss)350VCurrent - Continuous Drain (Id) @ 25°C5mA (Ta)Drive Voltage (Max Rds On, Min Rds On)-0.35VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds300pF @ 0VVgs (Max)±20VFET FeatureDepletion ModePower Dissipation (Max)2.5W (Ta)Rds On (Max) @ Id, Vgs14 Ohm @ 50mA, 350mVOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 5mA (Ta) Drive Voltage (Max Rds On, Min Rds On) -0.35V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 300pF @ 0V Vgs (Max) ±20V FET Feature Depletion Mode Power Dissipation (Max) 2.5W (Ta) Rds On (Max) @ Id, Vgs 14 Ohm @ 50mA, 350mV Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Depletion Mode Power Dissipation (Max) Rds On (Max) @ Id, Vgs 14 Ohm @ 50mA, 350mV Operating Temperature 40°C ~ 85°C (TA) Mounting Type Surface Mount Supplier Device Package Package / Case TO-261-4, TO-261AA	Drain to Source Voltage (Vdss)	350V
Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 300pF @ 0V Vgs (Max) ±20V FET Feature Depletion Mode Power Dissipation (Max) 2.5W (Ta) Rds On (Max) @ Id, Vgs 14 Ohm @ 50mA, 350mV Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Current - Continuous Drain (Id) @ 25°C	5mA (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Depletion Mode Power Dissipation (Max) Rds On (Max) @ Id, Vgs 14 Ohm @ 50mA, 350mV Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Supplier Device Package Package / Case TO-261-4, TO-261AA	Drive Voltage (Max Rds On, Min Rds On)	-0.35V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature Depletion Mode Power Dissipation (Max) Rds On (Max) @ Id, Vgs 14 Ohm @ 50mA, 350mV Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Supplier Device Package Package / Case TO-261-4, TO-261AA	Vgs(th) (Max) @ Id	-
Vgs (Max)±20VFET FeatureDepletion ModePower Dissipation (Max)2.5W (Ta)Rds On (Max) @ Id, Vgs14 Ohm @ 50mA, 350mVOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	Gate Charge (Qg) (Max) @ Vgs	-
FET Feature Depletion Mode Power Dissipation (Max) 2.5W (Ta) Rds On (Max) @ Id, Vgs 14 Ohm @ 50mA, 350mV Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Input Capacitance (Ciss) (Max) @ Vds	300pF @ 0V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 14 Ohm @ 50mA, 350mV Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Vgs (Max)	±20V
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Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Power Dissipation (Max)	2.5W (Ta)
Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Rds On (Max) @ Id, Vgs	14 Ohm @ 50mA, 350mV
Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Operating Temperature	-40°C ~ 85°C (TA)
Package / Case TO-261-4, TO-261AA	Mounting Type	Surface Mount
	Supplier Device Package	SOT-223
Report errors?	Package / Case	TO-261-4, TO-261AA
		Report errors?

CPC5602CTR 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.

CPC5602CTR Payment Methods





















CPC5602CTR Shipping Methods













If you have any question about CPC5602CTR, please do not hesitate to contact us!

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