

IPZ60R099C7XKSA1

IPZ60R099C7XKSA1 Information



For Reference Only

Part Number IPZ60R099C7XKSA1

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 600V 22A TO247-4

Package TO-247-4

For the pricing/inventory/lead time, please contact

us

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



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IPZ60R099C7XKSA1 Specifications

Manufacturer Part Number IPZ60R099C7XKSA1 Manufacturer Infineon Technologies Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-247-4 Series CoolMOS? C7 FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 600V Current - Continuous Drain (Id) @ 25°C 22A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 490µA Gate Charge (Qg) (Max) @ Vgs 42nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1819pF @ 400V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 110W (Tc) Rds On (Max) @ Id, Vgs 99 mOhm @ 9.7A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package PG-TO247-4 Package / Case TO-247-4		
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SeriesCoolMOS? C7FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)600VCurrent - Continuous Drain (Id) @ 25°C22A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 490μAGate Charge (Qg) (Max) @ Vgs42nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1819pF @ 400VVgs (Max)±20VFET Feature-Power Dissipation (Max)110W (Tc)Rds On (Max) @ Id, Vgs99 mOhm @ 9.7A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackagePG-TO247-4Package / CaseTO-247-4		Transistors - FETs, MOSFETs - Single
FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)600VCurrent - Continuous Drain (Id) @ 25°C22A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 490μAGate Charge (Qg) (Max) @ Vgs42nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1819pF @ 400VVgs (Max)±20VFET Feature-Power Dissipation (Max)110W (Tc)Rds On (Max) @ Id, Vgs99 mOhm @ 9.7A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackagePG-TO247-4Package / CaseTO-247-4	Package	TO-247-4
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Drain to Source Voltage (Vdss)600VCurrent - Continuous Drain (Id) @ 25°C22A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 490μAGate Charge (Qg) (Max) @ Vgs42nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1819pF @ 400VVgs (Max)±20VFET Feature-Power Dissipation (Max)110W (Tc)Rds On (Max) @ Id, Vgs99 mOhm @ 9.7A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackagePG-TO247-4Package / CaseTO-247-4	FET Type	N-Channel
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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 Operating Temperature Supplier Device Package PG-TO247-4 Package / Case 42nC @ 10V 1819pF @ 400V +20V FET (Pature	Current - Continuous Drain (Id) @ 25°C	22A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 1819pF @ 400V Vgs (Max) ±20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 99 mOhm @ 9.7A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package PG-TO247-4 Package / Case TO-247-4	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package PG-TO247-4 Package / Case TO-247-4	Vgs(th) (Max) @ Id	4V @ 490μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)110W (Tc)Rds On (Max) @ Id, Vgs99 mOhm @ 9.7A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackagePG-TO247-4Package / CaseTO-247-4	Gate Charge (Qg) (Max) @ Vgs	42nC @ 10V
FET Feature - Power Dissipation (Max) 110W (Tc) Rds On (Max) @ Id, Vgs 99 mOhm @ 9.7A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package PG-TO247-4 Package / Case TO-247-4	Input Capacitance (Ciss) (Max) @ Vds	1819pF @ 400V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 99 mOhm @ 9.7A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package PG-TO247-4 Package / Case TO-247-4	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs 99 mOhm @ 9.7A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package PG-TO247-4 Package / Case TO-247-4	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package PG-TO247-4 Package / Case TO-247-4	Power Dissipation (Max)	110W (Tc)
Mounting Type Through Hole Supplier Device Package PG-TO247-4 Package / Case TO-247-4	Rds On (Max) @ Id, Vgs	99 mOhm @ 9.7A, 10V
Supplier Device Package PG-TO247-4 Package / Case TO-247-4	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-247-4	Mounting Type	Through Hole
	Supplier Device Package	PG-TO247-4
Report errors?	Package / Case	TO-247-4
Report crists:		Report errors?

IPZ60R099C7XKSA1 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.

IPZ60R099C7XKSA1 Payment Methods



















IPZ60R099C7XKSA1 Shipping Methods













If you have any question about IPZ60R099C7XKSA1, please do not hesitate to contact us!

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