

IRFR2607ZTRPBF

IRFR2607ZTRPBF Information



For Reference Only

Part Number IRFR2607ZTRPBF
Manufacturer Infineon Technologies

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 75V 42A DPAK

Package TO-252-3, DPak (2 Leads + Tab), SC-63

For the pricing/inventory/lead time, please contact

us

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



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IRFR2607ZTRPBF Specifications

Manufacturer Part Number IRFR2607ZTRPBF Manufacturer Infineon Technologies Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series HEXFET? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 75V Current - Continuous Drain (Id) @ 25°C 42A (Tc) Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id 4V @ 50μA Gate Charge (Qg) (Max) @ Vgs 5lnC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1440pF @ 25V Vgs (Max) - FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs 22 mOhm @ 30A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package D-Pak Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Report errors?		
CategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63SeriesHEXFET?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)75 VCurrent - Continuous Drain (Id) @ 25°C42A (Tc)Drive Voltage (Max Rds On, Min Rds On)-Vgs(th) (Max) @ Id4V @ 50μAGate Charge (Qg) (Max) @ Vgs51nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1440pF @ 25VVgs (Max)-FET Feature-Power Dissipation (Max)-Rds On (Max) @ Id, Vgs22 mOhm @ 30A, 10VOperating Temperature-Mounting TypeSurface MountSupplier Device PackageD-PakPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Manufacturer Part Number	IRFR2607ZTRPBF
Package To-252-3, DPak (2 Leads + Tab), SC-63 Series HEXFET? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 75V Current - Continuous Drain (Id) @ 25°C 42A (Tc) Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id 4V @ 50μA Gate Charge (Qg) (Max) @ Vgs 51nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1440pF @ 25V Vgs (Max) - FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs 22 mOhm @ 30A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package D-Pak Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Manufacturer	Infineon Technologies
PackageTO-252-3, DPak (2 Leads + Tab), SC-63SeriesHEXFET?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)75VCurrent - Continuous Drain (Id) @ 25°C42A (Tc)Drive Voltage (Max Rds On, Min Rds On)-Vgs(th) (Max) @ Id4V @ 50μAGate Charge (Qg) (Max) @ Vgs51nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1440pF @ 25VVgs (Max)-FET Feature-Power Dissipation (Max)-Rds On (Max) @ Id, Vgs22 mOhm @ 30A, 10VOperating Temperature-Mounting TypeSurface MountSupplier Device PackageD-PakPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Category	Discrete Semiconductor Products
SeriesHEXFET?FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)75VCurrent - Continuous Drain (Id) @ 25°C42A (Tc)Drive Voltage (Max Rds On, Min Rds On)-Vgs(th) (Max) @ Id4V @ 50μAGate Charge (Qg) (Max) @ Vgs51nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1440pF @ 25VVgs (Max)-FET Feature-Power Dissipation (Max)-Rds On (Max) @ Id, Vgs22 mOhm @ 30A, 10VOperating Temperature-Mounting TypeSurface MountSupplier Device PackageD-PakPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63		Transistors - FETs, MOSFETs - Single
FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)75VCurrent - Continuous Drain (Id) @ 25°C42A (Tc)Drive Voltage (Max Rds On, Min Rds On)-Vgs(th) (Max) @ Id4V @ 50μAGate Charge (Qg) (Max) @ Vgs51nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1440pF @ 25VVgs (Max)-FET Feature-Power Dissipation (Max)-Rds On (Max) @ Id, Vgs22 mOhm @ 30A, 10VOperating Temperature-Mounting TypeSurface MountSupplier Device PackageD-PakPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)75VCurrent - Continuous Drain (Id) @ 25°C42A (Tc)Drive Voltage (Max Rds On, Min Rds On)-Vgs(th) (Max) @ Id4V @ 50μAGate Charge (Qg) (Max) @ Vgs51nC @ 10VInput Capacitance (Ciss) (Max) @ Vds1440pF @ 25VVgs (Max)-FET Feature-Power Dissipation (Max)-Rds On (Max) @ Id, Vgs22 mOhm @ 30A, 10VOperating Temperature-Mounting TypeSurface MountSupplier Device PackageD-PakPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Series	HEXFET?
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C A2A (Tc) 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 - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 42A (Tc) Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id 4V @ 50μA Gate Charge (Qg) (Max) @ Vgs 51nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1440pF @ 25V Vgs (Max) - FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 22 mOhm @ 30A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	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 Power Dissipation (Max) Rds On (Max) @ Id, Vgs 22 mOhm @ 30A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Drain to Source Voltage (Vdss)	75V
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 Mounting Type Surface Mount Supplier Device Package Package / Case 4V @ 50μA 4V @ 50μA 51nC @ 10V 1440pF @ 25V - - 22 WOhm @ 30A, 10V - Surface Mount D-Pak TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	42A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 1440pF @ 25V Vgs (Max) - FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 22 mOhm @ 30A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 51nC @ 10V 1440pF @ 25V - Surface Mount - Rds On (Max) @ Id, Vgs D-Pak TO-252-3, DPak (2 Leads + Tab), SC-63	Drive Voltage (Max Rds On, Min Rds On)	-
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 22 mOhm @ 30A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package D-Pak Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Vgs(th) (Max) @ Id	4V @ 50μA
Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 22 mOhm @ 30A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package D-Pak Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Gate Charge (Qg) (Max) @ Vgs	51nC @ 10V
FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs 22 mOhm @ 30A, 10V Operating Temperature - Mounting Type Surface Mount Supplier Device Package D-Pak Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Input Capacitance (Ciss) (Max) @ Vds	1440pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 22 mOhm @ 30A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package D-Pak Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Vgs (Max)	-
Rds On (Max) @ Id, Vgs 22 mOhm @ 30A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package D-Pak Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	FET Feature	-
Operating Temperature - Mounting Type Surface Mount Supplier Device Package D-Pak Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Power Dissipation (Max)	-
Mounting Type Surface Mount Supplier Device Package D-Pak Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Rds On (Max) @ Id, Vgs	22 mOhm @ 30A, 10V
Supplier Device Package D-Pak Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Operating Temperature	-
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Mounting Type	Surface Mount
	Supplier Device Package	D-Pak
Report errors?	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
		Report errors?

IRFR2607ZTRPBF 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.

IRFR2607ZTRPBF Payment Methods



















IRFR2607ZTRPBF Shipping Methods













If you have any question about IRFR2607ZTRPBF, please do not hesitate to contact us!

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