



IRF8852TRPBF Information



For Reference Only

Part Number IRF8852TRPBF
Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Arrays

DescriptionMOSFET 2N-CH 25V 7.8A 8TSSOP**Package**8-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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IRF8852TRPBF Specifications

Manufacturer Part NumberIRF8852TRPBFManufacturerInfineon TechnologiesCategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - ArraysPackage8-TSSOP (0.173", 4.40mm Width)SeriesHEXFET?FET Type2 N-Channel (Dual)FET FeatureLogic Level GateDrain to Source Voltage (Vdss)25VCurrent - Continuous Drain (Id) @ 25°C7.8ARds On (Max) @ Id, Vgs11.3 mOhm @ 7.8A, 10VVgs(th) (Max) @ Id2.35V @ 25µAGate Charge (Qg) (Max) @ Vgs9.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds1151pF @ 20VPower - Max1WOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	•	
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays 8-TSSOP (0.173", 4.40mm Width) Series HEXFET? FET Type 2 N-Channel (Dual) FET Feature Logic Level Gate Drain to Source Voltage (Vdss) 25V Current - Continuous Drain (Id) @ 25°C 7.8A Rds On (Max) @ Id, Vgs 11.3 mOhm @ 7.8A, 10V Vgs(th) (Max) @ Id 2.35V @ 25µA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 1151pF @ 20V Power - Max Operating Temperature Mounting Type Surface Mount Package / Case 8-TSSOP 8-TSSOP	Manufacturer Part Number	IRF8852TRPBF
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FET Feature Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 7.8A Rds On (Max) @ Id, Vgs 11.3 mOhm @ 7.8A, 10V Vgs(th) (Max) @ Id 2.35V @ 25μA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Power - Max 1W Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Series	HEXFET?
Drain to Source Voltage (Vdss)25VCurrent - Continuous Drain (Id) @ 25°C7.8ARds On (Max) @ Id, Vgs11.3 mOhm @ 7.8A, 10VVgs(th) (Max) @ Id2.35V @ 25μAGate Charge (Qg) (Max) @ Vgs9.5nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds1151pF @ 20VPower - Max1WOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP (0.173", 4.40mm Width)Supplier Device Package8-TSSOP	FET Type	2 N-Channel (Dual)
Current - Continuous Drain (Id) @ 25°C Rds On (Max) @ Id, Vgs 11.3 mOhm @ 7.8A, 10V Vgs(th) (Max) @ Id 2.35V @ 25μA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Power - Max 1W Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP (0.173", 4.40mm Width) Supplier Device Package	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs Vgs(th) (Max) @ Id 2.35V @ 25µA Gate Charge (Qg) (Max) @ Vgs 9.5nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 1151pF @ 20V Power - Max 1W Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Drain to Source Voltage (Vdss)	25V
Vgs(th) (Max) @ Id	Current - Continuous Drain (Id) @ 25°C	7.8A
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Power - Max 1W Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Rds On (Max) @ Id, Vgs	11.3 mOhm @ 7.8A, 10V
Input Capacitance (Ciss) (Max) @ Vds Power - Max 1W Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Vgs(th) (Max) @ Id	2.35V @ 25μA
Power - Max Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Gate Charge (Qg) (Max) @ Vgs	9.5nC @ 4.5V
Operating Temperature $-55^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Mounting Type Surface Mount Package / Case 8-TSSOP (0.173", 4.40mm Width) Supplier Device Package 8-TSSOP	Input Capacitance (Ciss) (Max) @ Vds	1151pF @ 20V
Mounting Type Surface Mount Package / Case 8-TSSOP (0.173", 4.40mm Width) Supplier Device Package 8-TSSOP	Power - Max	1W
Package / Case 8-TSSOP (0.173", 4.40mm Width) Supplier Device Package 8-TSSOP	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package 8-TSSOP	Mounting Type	Surface Mount
	Package / Case	8-TSSOP (0.173", 4.40mm Width)
Report errors?	Supplier Device Package	8-TSSOP
		Report errors?

IRF8852TRPBF 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.

IRF8852TRPBF Payment Methods



















IRF8852TRPBF Shipping Methods













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