



IRF7555TRPBF Information



For Reference Only

Part Number IRF7555TRPBF
Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Arrays MOSFET 2P-CH 20V 4.3A MICRO8

Description MOSFET 2P-CH 20V 4.3A MICRO8 **Package** 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









IRF7555TRPBF Specifications

Manufacturer Part NumberIRF7555TRPBFManufacturerInfineon TechnologiesCategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - ArraysPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)SeriesHEXFET?FET Type2 P-Channel (Dual)FET FeatureLogic Level GateDrain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C4.3ARds On (Max) @ Id, Vgs55 mOhm @ 4.3A, 4.5VVgs(th) (Max) @ Id1.2V @ 250µAGate Charge (Qg) (Max) @ Vgs15nC @ 5VInput Capacitance (Ciss) (Max) @ Vds1066pF @ 10VPower - Max1.25WOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device PackageMicro8?Report errors?	*	
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series HEXFET? FET Type 2 P-Channel (Dual) FET Feature Logic Level Gate Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 4.3A Rds On (Max) @ Id, Vgs 55 mOhm @ 4.3A, 4.5V Vgs(th) (Max) @ Id 1.2V @ 250µA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 1066pF @ 10V Power - Max Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package Micro8?	Manufacturer Part Number	IRF7555TRPBF
Transistors - FETs, MOSFETs - Arrays Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series HEXFET? FET Type 2 P-Channel (Dual) FET Feature Logic Level Gate Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 4.3A Rds On (Max) @ Id, Vgs 55 mOhm @ 4.3A, 4.5V Vgs(th) (Max) @ Id 1.2V @ 250μA Gate Charge (Qg) (Max) @ Vgs 15nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 1066pF @ 10V Power - Max 1.25W Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package Micro8?	Manufacturer	Infineon Technologies
Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series HEXFET? FET Type 2 P-Channel (Dual) FET Feature Logic Level Gate Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 4.3A Rds On (Max) @ Id, Vgs 55 mOhm @ 4.3A, 4.5V Vgs(th) (Max) @ Id 1.2V @ 250µA Gate Charge (Qg) (Max) @ Vgs 15nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 1066pF @ 10V Power - Max 1.25W Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package Micro8?	Category	Discrete Semiconductor Products
SeriesHEXFET?FET Type2 P-Channel (Dual)FET FeatureLogic Level GateDrain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C4.3ARds On (Max) @ Id, Vgs55 mOhm @ 4.3A, 4.5VVgs(th) (Max) @ Id1.2V @ 250μAGate Charge (Qg) (Max) @ Vgs15nC @ 5VInput Capacitance (Ciss) (Max) @ Vds1066pF @ 10VPower - Max1.25WOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device PackageMicro8?		Transistors - FETs, MOSFETs - Arrays
FET Type 2 P-Channel (Dual) FET Feature Logic Level Gate Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 4.3A Rds On (Max) @ Id, Vgs 55 mOhm @ 4.3A, 4.5V Vgs(th) (Max) @ Id 1.2V @ 250µA Gate Charge (Qg) (Max) @ Vgs 15nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 1066pF @ 10V Power - Max 1.25W Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package Micro8?	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
FET Feature Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 4.3A Rds On (Max) @ Id, Vgs Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Power - Max Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package Micro8?	Series	HEXFET?
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 4.3A Rds On (Max) @ Id, Vgs 55 mOhm @ 4.3A, 4.5V Vgs(th) (Max) @ Id 1.2V @ 250μA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Power - Max 1.25W Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package Micro8?	FET Type	2 P-Channel (Dual)
Current - Continuous Drain (Id) @ 25°C Rds On (Max) @ Id, Vgs 55 mOhm @ 4.3A, 4.5V Vgs(th) (Max) @ Id 1.2V @ 250μA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Power - Max 1.25W Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs55 mOhm @ 4.3A, 4.5VVgs(th) (Max) @ Id1.2V @ 250μAGate Charge (Qg) (Max) @ Vgs15nC @ 5VInput Capacitance (Ciss) (Max) @ Vds1066pF @ 10VPower - Max1.25WOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device PackageMicro8?	Drain to Source Voltage (Vdss)	20V
Vgs(th) (Max) @ Id	Current - Continuous Drain (Id) @ 25°C	4.3A
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Power - Max 1.25W Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	Rds On (Max) @ Id, Vgs	55 mOhm @ 4.3A, 4.5V
Input Capacitance (Ciss) (Max) @ Vds Power - Max 1.25W Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package Micro8?	Vgs(th) (Max) @ Id	1.2V @ 250μA
Power - Max 1.25W Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package Micro8?	Gate Charge (Qg) (Max) @ Vgs	15nC @ 5V
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package Micro8?	Input Capacitance (Ciss) (Max) @ Vds	1066pF @ 10V
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package Micro8?	Power - Max	1.25W
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package Micro8?	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package Micro8?	Mounting Type	Surface Mount
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Report errors?	Supplier Device Package	Micro8?
		Report errors?

IRF7555TRPBF 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.

IRF7555TRPBF Payment Methods



















IRF7555TRPBF Shipping Methods













If you have any question about IRF7555TRPBF, please do not hesitate to contact us!

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