



IRLU2905ZPBF Information



For Reference Only

Part Number IRLU2905ZPBF
Manufacturer Infineon Technologies

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 55V 42A I-PAK

Package TO-251-3 Short Leads, IPak, TO-251AA

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.









IRLU2905ZPBF Specifications

Manufacturer Part Number	IRLU2905ZPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	55V
Current - Continuous Drain (Id) @ 25°C	42A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	35nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	1570pF @ 25V
Vgs (Max)	±16V
FET Feature	-
Power Dissipation (Max)	110W (Tc)
Rds On (Max) @ Id, Vgs	13.5 mOhm @ 36A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	IPAK (TO-251)
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
	Report errors?

IRLU2905ZPBF 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.

IRLU2905ZPBF Payment Methods





















IRLU2905ZPBF Shipping Methods













If you have any question about IRLU2905ZPBF, please do not hesitate to contact us!

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