IRLU2905 Information

Part Number	IRLU2905	
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 Reference Only

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.

IRLU2905 Specifications

Manufacturer Part Number	IRLU2905
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)	4V, 10V
Vgs(th) (Max) @ Id	2V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	48nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	1700pF @ 25V
Vgs (Max)	±16V
FET Feature	-
Power Dissipation (Max)	110W (Tc)
Rds On (Max) @ Id, Vgs	27 mOhm @ 25A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	I-Pak
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
	Report errors?

IRLU2905 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.

IRLU2905 Payment Methods

IRLU2905 Shipping Methods

If you have any question about IRLU2905, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com