

IRLR2905ZPBF Information


For Reference Only

Part Number [IRLR2905ZPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 55V 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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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.


IRLR2905ZPBF Specifications

| | |
|--|---|
| Manufacturer Part Number | IRLR2905ZPBF |
| 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) | 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 | Surface Mount |
| Supplier Device Package | D-Pak |
| Package / Case | TO-252-3, DPak (2 Leads + Tab), SC-63 |

[Report errors?](#)

IRLR2905ZPBF 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.

IRLR2905ZPBF Payment Methods



IRLR2905ZPBF Shipping Methods



If you have any question about IRLR2905ZPBF, please do not hesitate to contact us!

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