

IRL3715LPBF Information


For Reference Only

Part Number [IRL3715LPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V 54A TO-262
Package TO-262-3 Long Leads, I2Pak, TO-262AA
 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.


IRL3715LPBF Specifications

| | |
|--|---|
| Manufacturer Part Number | IRL3715LPBF |
| Manufacturer | Infineon Technologies |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-262-3 Long Leads, I2Pak, TO-262AA |
| Series | HEXFET? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 20V |
| Current - Continuous Drain (Id) @ 25°C | 54A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Vgs(th) (Max) @ Id | 3V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 17nC @ 4.5V |
| Input Capacitance (Ciss) (Max) @ Vds | 1060pF @ 10V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 3.8W (Ta), 71W (Tc) |
| Rds On (Max) @ Id, Vgs | 14 mOhm @ 26A, 10V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-262 |
| Package / Case | TO-262-3 Long Leads, I2Pak, TO-262AA |

[Report errors?](#)

IRL3715LPBF 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.

IRL3715LPBF Payment Methods



IRL3715LPBF Shipping Methods



If you have any question about IRL3715LPBF, please do not hesitate to contact us!

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