

IRLL2705TRPBF Information


For Reference Only

Part Number [IRLL2705TRPBF](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 55V 3.8A SOT223
Package TO-261-4, TO-261AA
 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.


IRLL2705TRPBF Specifications

Manufacturer Part Number	IRLL2705TRPBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-261-4, TO-261AA
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	55V
Current - Continuous Drain (I _d) @ 25°C	3.8A (Ta)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4V, 10V
V _{gs} (th) (Max) @ I _d	2V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	48nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	870pF @ 25V
V _{gs} (Max)	±16V
FET Feature	-
Power Dissipation (Max)	1W (Ta)
R _{ds} On (Max) @ I _d , V _{gs}	40 mOhm @ 3.8A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	SOT-223
Package / Case	TO-261-4, TO-261AA

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IRLL2705TRPBF 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.

IRLL2705TRPBF Payment Methods



IRLL2705TRPBF Shipping Methods



If you have any question about IRLL2705TRPBF, please do not hesitate to contact us!

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