

IRFS3006TRL7PP Information


For Reference Only

Part Number [IRFS3006TRL7PP](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 60V 240A D2PAK7
Package TO-263-7, D2Pak (6 Leads + Tab), TO-263CB
 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.


IRFS3006TRL7PP Specifications

Manufacturer Part Number	IRFS3006TRL7PP
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-263-7, D2Pak (6 Leads + Tab), TO-263CB
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	240A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	300nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	8850pF @ 50V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	375W (Tc)
Rds On (Max) @ Id, Vgs	2.1 mOhm @ 168A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	D2PAK (7-Lead)
Package / Case	TO-263-7, D2Pak (6 Leads + Tab), TO-263CB

[Report errors?](#)

IRFS3006TRL7PP 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.

IRFS3006TRL7PP Payment Methods



IRFS3006TRL7PP Shipping Methods



If you have any question about IRFS3006TRL7PP, please do not hesitate to contact us!

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