

IRFPS3810 Information


For Reference Only

Part Number [IRFPS3810](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 170A SUPER247
Package TO-274AA
 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.


IRFPS3810 Specifications

Manufacturer Part Number	IRFPS3810
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-274AA
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	170A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	390nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	6790pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	580W (Tc)
Rds On (Max) @ Id, Vgs	9 mOhm @ 100A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	SUPER-247 (TO-274AA)
Package / Case	TO-274AA

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IRFPS3810 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.

IRFPS3810 Payment Methods



IRFPS3810 Shipping Methods



If you have any question about IRFPS3810, please do not hesitate to contact us!

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