

IPS118N10N G Information


For Reference Only

Part Number [IPS118N10N G](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 75A TO251-3
Package TO-251-3 Stub Leads, IPak
 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.


IPS118N10N G Specifications

Manufacturer Part Number	IPS118N10N G
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Stub Leads, IPak
Series	OptiMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	75A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 83µA
Gate Charge (Qg) (Max) @ Vgs	65nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4320pF @ 50V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	125W (Tc)
Rds On (Max) @ Id, Vgs	11.8 mOhm @ 75A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO251-3
Package / Case	TO-251-3 Stub Leads, IPak

[Report errors?](#)

IPS118N10N G 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.

IPS118N10N G Payment Methods



IPS118N10N G Shipping Methods



If you have any question about IPS118N10N G, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com