

IPD038N04NGBTMA1 Information


For Reference Only

Part Number [IPD038N04NGBTMA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 40V 90A TO252-3
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 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.


IPD038N04NGBTMA1 Specifications

Manufacturer Part Number	IPD038N04NGBTMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	OptiMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	40V
Current - Continuous Drain (I _d) @ 25°C	90A (T _c)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	10V
V _{gs(th)} (Max) @ I _d	4V @ 45μA
Gate Charge (Q _g) (Max) @ V _{gs}	56nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	4500pF @ 20V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	94W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	3.8 mOhm @ 90A, 10V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	PG-TO252-3
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63

[Report errors?](#)

IPD038N04NGBTMA1 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.

IPD038N04NGBTMA1 Payment Methods



IPD038N04NGBTMA1 Shipping Methods



If you have any question about IPD038N04NGBTMA1, please do not hesitate to contact us!

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