

IPB45N04S4L08ATMA1

IPB45N04S4L08ATMA1 Information



For Reference Only

Part Number IPB45N04S4L08ATMA1

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 40V 45A TO263-3-2

Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

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.









IPB45N04S4L08ATMA1 Specifications

Manufacturer Part Number	IPB45N04S4L08ATMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	OptiMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	45A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.2V @ 17μA
Gate Charge (Qg) (Max) @ Vgs	30nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2340pF @ 25V
Vgs (Max)	+20V, -16V
FET Feature	-
Power Dissipation (Max)	45W (Tc)
Rds On (Max) @ Id, Vgs	7.6 mOhm @ 45A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PG-TO263-3-2
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
	Report errors?

IPB45N04S4L08ATMA1 Guarantees



Ouality 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.

IPB45N04S4L08ATMA1 Payment Methods



















IPB45N04S4L08ATMA1 Shipping Methods













If you have any question about IPB45N04S4L08ATMA1, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com