IPD50N06S4L12ATMA1

IPD50N06S4L12ATMA1 Information

For Reference Only

Part Number IPD50N06S4L12ATMA1
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 60V 50A TO252-3-11
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

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.

IPD50N06S4L12ATMA1 Specifications

Manufacturer Part Number	IPD50N06S4L12ATMA1
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 (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	50A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.2V @ 20µA
Gate Charge (Qg) (Max) @ Vgs	40nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2890pF @ 25V
Vgs (Max)	±16V
FET Feature	-
Power Dissipation (Max)	50W (Tc)
Rds On (Max) @ Id, Vgs	12 mOhm @ 50A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PG-TO252-3-11
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors?

IPD50N06S4L12ATMA1 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.

IPD50N06S4L12ATMA1 Payment Methods

IPD50N06S4L12ATMA1 Shipping Methods

If you have any question about IPD50N06S4L12ATMA1, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com