

IPD048N06L3GBTMA1

IPD048N06L3GBTMA1 Information



For Reference Only

Part Number	IPD048N06L3GBTMA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 60V 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.



IPD048N06L3GBTMA1 Specifications

Manufacturer Part Number	IPD048N06L3GBTMA1
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	90A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.2V @ 58µA
Gate Charge (Qg) (Max) @ Vgs	50nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	8400pF @ 30V
Vgs (Max)	$\pm 20\mathrm{V}$
FET Feature	-
Power Dissipation (Max)	115W (Tc)
Rds On (Max) @ Id, Vgs	4.8 mOhm @ 90A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PG-TO252-3
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors?

IPD048N06L3GBTMA1 Guarantees



Quality Guarantees

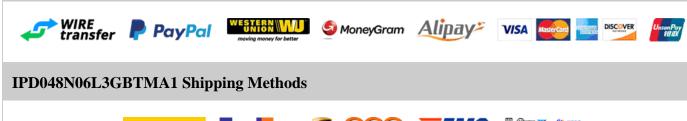
We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

IPD048N06L3GBTMA1 Payment Methods





If you have any question about IPD048N06L3GBTMA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com