



# **IPU050N03L G Information**



For Reference Only

Part Number IPU050N03L G

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 30V 50A IPAK

Package TO-251-3 Short Leads, IPak, TO-251AA

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.









# IPU050N03L G Specifications

Manufacturer Part Number	IPU050N03L G
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	OptiMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
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 @ 250μA
Gate Charge (Qg) (Max) @ Vgs	31nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3200pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	68W (Tc)
Rds On (Max) @ Id, Vgs	5 mOhm @ 30A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	PG-TO251-3
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
	Report errors?

#### IPU050N03L 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.

### IPU050N03L G Payment Methods



















### IPU050N03L G Shipping Methods













If you have any question about IPU050N03L G, please do not hesitate to contact us!

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