

PI5101-01-LGIZ Information


For Reference Only

Part Number [PI5101-01-LGIZ](#)
Manufacturer Vicor Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 5V 60A 3LGA
Package 3-FLGA
 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.


PI5101-01-LGIZ Specifications

Manufacturer Part Number	PI5101-01-LGIZ
Manufacturer	Vicor Corporation
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	3-FLGA
Series	Picor? RDS(on)FET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	5V
Current - Continuous Drain (Id) @ 25°C	60A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	3.5V, 4.5V
Vgs(th) (Max) @ Id	800mV @ 1mA
Gate Charge (Qg) (Max) @ Vgs	65nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	7600pF @ 5V
Vgs (Max)	±5V
FET Feature	-
Power Dissipation (Max)	3.1W (Ta)
Rds On (Max) @ Id, Vgs	0.45 mOhm @ 60A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	3-LGA (4.1x8)
Package / Case	3-FLGA

[Report errors?](#)

PI5101-01-LGIZ 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.

PI5101-01-LGIZ Payment Methods



PI5101-01-LGIZ Shipping Methods



If you have any question about PI5101-01-LGIZ, please do not hesitate to contact us!

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