

IRL3102 Information


For Reference Only

Part Number [IRL3102](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V 61A TO-220AB
Package TO-220-3
 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.


IRL3102 Specifications

Manufacturer Part Number	IRL3102
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	61A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 7V
Vgs(th) (Max) @ Id	700mV @ 250µA
Gate Charge (Qg) (Max) @ Vgs	58nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	2500pF @ 15V
Vgs (Max)	±10V
FET Feature	-
Power Dissipation (Max)	89W (Tc)
Rds On (Max) @ Id, Vgs	13 mOhm @ 37A, 7V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

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IRL3102 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.

IRL3102 Payment Methods



IRL3102 Shipping Methods



If you have any question about IRL3102, please do not hesitate to contact us!

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