



#### **IRL3103D1 Information**

Part Number IRL3103D1

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 30V 64A TO-220AB

TO-220-3 **Package** 

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



Request a Quote

## **Certified Quality**

For Reference Only

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.









# **IRL3103D1 Specifications**

Manufacturer Part Number	IRL3103D1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	FETKY?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	64A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	1V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	43nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	1900pF @ 25V
Vgs (Max)	±16V
FET Feature	-
Power Dissipation (Max)	2W (Ta), 89W (Tc)
Rds On (Max) @ Id, Vgs	14 mOhm @ 34A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3
	Report errors?

#### **IRL3103D1 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.

### **IRL3103D1 Payment Methods**



















## **IRL3103D1 Shipping Methods**













If you have any question about IRL3103D1, please do not hesitate to contact us!

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