

IRL40B209 Information

Part Number IRL40B209

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 40V 195A

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.









IRL40B209 Specifications

Manufacturer Part Number	IRL40B209
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	HEXFET?, StrongIRFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	195A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.4V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	270nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	15140pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	375W (Tc)
Rds On (Max) @ Id, Vgs	1.25 mOhm @ 100A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3
	Report errors?

IRL40B209 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.

IRL40B209 Payment Methods

































If you have any question about IRL40B209, please do not hesitate to contact us!

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