



## **IRF40H210 Information**

eww.heisene.com

For Reference Only

Part Number IRF40H210

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 40V 100A PQFN5X6

Package 8-PowerVDFN

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.









# **IRF40H210 Specifications**

Manufacturer Part Number	IRF40H210
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerVDFN
Series	HEXFET?, StrongIRFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	100A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Vgs(th) (Max) @ Id	3.7V @ 150μA
Gate Charge (Qg) (Max) @ Vgs	152nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	5406pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	125W (Tc)
Rds On (Max) @ Id, Vgs	1.7 mOhm @ 100A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-PQFN (5x6)
Package / Case	8-PowerVDFN
	Report errors?

### **IRF40H210 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.

## **IRF40H210 Payment Methods**









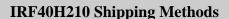
























If you have any question about IRF40H210, please do not hesitate to contact us!

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