

94-3250

## 94-3250 Information



Part Number	94-3250	
Manufacturer	Infineon Technologies	
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single	
Description	MOSFET N-CH 30V 12A DIRECTFET	
Package	DirectFET? Isometric MQ	
	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**

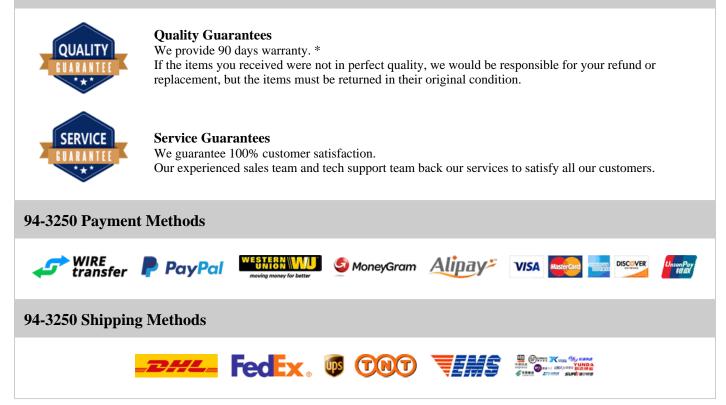
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## 94-3250 Specifications

Manufacturer Part Number	94-3250
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	DirectFET? Isometric MQ
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	12A (Ta), 49A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 7V
Vgs(th) (Max) @ Id	2.1V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	26nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	2270pF @ 15V
Vgs (Max)	±12V
FET Feature	-
Power Dissipation (Max)	2.3W (Ta), 42W (Tc)
Rds On (Max) @ Id, Vgs	11.5 mOhm @ 12A, 7V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DIRECTFET? MQ
Package / Case	DirectFET? Isometric MQ
	Report errors?

## 94-3250 Guarantees



If you have any question about 94-3250, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com