

### **FDS9945 Information**



For Reference Only

Part Number FDS9945

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Arrays

**Description** MOSFET 2N-CH 60V 3.5A 8-SO **Package** 8-SOIC (0.154", 3.90mm Width)

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.









## **FDS9945 Specifications**

Manufacturer Part Number	FDS9945
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Arrays
Package	8-SOIC (0.154", 3.90mm Width)
Series	PowerTrench?
FET Type	2 N-Channel (Dual)
FET Feature	Logic Level Gate
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	3.5A
Rds On (Max) @ Id, Vgs	100 mOhm @ 3.5A, 10V
Vgs(th) (Max) @ Id	3V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	13nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	420pF @ 30V
Power - Max	1W
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SO
	Report errors?

### FDS9945 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.

## **FDS9945 Payment Methods**



















## FDS9945 Shipping Methods













If you have any question about FDS9945, please do not hesitate to contact us!

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