



# **FQPF9N50YDTU** Information



For Reference Only

Part Number FQPF9N50YDTU

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

DescriptionMOSFET N-CH 500V 5.3A TO-220FPackageTO-220-3 Full Pack, Formed Leads

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.









# **FQPF9N50YDTU Specifications**

Manufacturer Part Number	FQPF9N50YDTU
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack, Formed Leads
Series	QFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	5.3A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	36nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1450pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	50W (Tc)
Rds On (Max) @ Id, Vgs	730 mOhm @ 2.65A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220F-3 (Y-Forming)
Package / Case	TO-220-3 Full Pack, Formed Leads
	Report errors?

## FQPF9N50YDTU 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.

## FQPF9N50YDTU Payment Methods





















### **FQPF9N50YDTU Shipping Methods**













If you have any question about FQPF9N50YDTU, please do not hesitate to contact us!

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