

## **FQL50N40 Information**

Heisener.com

Part Number FQL50N40

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor Products

**Description** MOSFET N-CH 400V 50A TO-264

Package TO-264-3, TO-264AA

For the pricing/inventory/lead time, please contact

Transistors - FETs, MOSFETs - Single

us

For Reference Only

Website: https://www.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.









# **FQL50N40 Specifications**

Manufacturer Part Number	FQL50N40
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-264-3, TO-264AA
Series	QFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	400V
Current - Continuous Drain (Id) @ 25°C	50A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	210nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	7500pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	460W (Tc)
Rds On (Max) @ Id, Vgs	75 mOhm @ 25A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-264
Package / Case	TO-264-3, TO-264AA
	Report errors?

### **FQL50N40 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.

## **FQL50N40 Payment Methods**





















### **FQL50N40 Shipping Methods**













If you have any question about FQL50N40, please do not hesitate to contact us!

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