FQL40N50F

FQL40N50F Information

For Reference Only

Part Number FQL40N50F
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 500V 40A TO-264
Package TO-264-3, TO-264AA

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.

FQL40N50F Specifications

Manufacturer Part Number	FQL40N50F
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-264-3, TO-264AA
Series	FRFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	40A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	200nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	7500pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	460W (Tc)
Rds On (Max) @ Id, Vgs	110 mOhm @ 20A, 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?

FQL40N50F 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.

FQL40N50F Payment Methods

FQL40N50F Shipping Methods

If you have any question about FQL40N50F, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com