

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


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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.


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 (Vds)	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

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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!

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