

FCPF165N65S3L1 Information


For Reference Only

Part Number [FCPF165N65S3L1](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 650V 19A TO220F-3
Package TO-220-3 Full Pack
 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.


FCPF165N65S3L1 Specifications

Manufacturer Part Number	FCPF165N65S3L1
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack
Series	SuperFET? III
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	650V
Current - Continuous Drain (Id) @ 25°C	19A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.5V @ 1.9mA
Gate Charge (Qg) (Max) @ Vgs	35nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1415pF @ 400V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	35W (Tc)
Rds On (Max) @ Id, Vgs	165 mOhm @ 9.5A, 10V
Operating Temperature	-55°C ~ 150°C
Mounting Type	Through Hole
Supplier Device Package	TO-220F-3
Package / Case	TO-220-3 Full Pack

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FCPF165N65S3L1 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.

FCPF165N65S3L1 Payment Methods



FCPF165N65S3L1 Shipping Methods



If you have any question about FCPF165N65S3L1, please do not hesitate to contact us!

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