

FCP25N60N_F102 Information


For Reference Only

Part Number [FCP25N60N_F102](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 600V 25A TO220-3
Package TO-220-3
 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.


FCP25N60N_F102 Specifications

Manufacturer Part Number	FCP25N60N_F102
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	SupreMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	600V
Current - Continuous Drain (Id) @ 25°C	25A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	74nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3352pF @ 100V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	216W (Tc)
Rds On (Max) @ Id, Vgs	125 mOhm @ 12.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220
Package / Case	TO-220-3

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FCP25N60N_F102 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.

FCP25N60N_F102 Payment Methods



FCP25N60N_F102 Shipping Methods



If you have any question about FCP25N60N_F102, please do not hesitate to contact us!

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