

RFP50N05L Information


For Reference Only

Part Number [RFP50N05L](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 50V 50A TO-220AB
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.


RFP50N05L Specifications

Manufacturer Part Number	RFP50N05L
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	50V
Current - Continuous Drain (I _d) @ 25°C	50A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4V, 5V
V _{gs} (th) (Max) @ I _d	2V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	140nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	-
V _{gs} (Max)	±10V
FET Feature	-
Power Dissipation (Max)	110W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	22 mOhm @ 50A, 5V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

[Report errors?](#)

RFP50N05L 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.

RFP50N05L Payment Methods



RFP50N05L Shipping Methods



If you have any question about RFP50N05L, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com