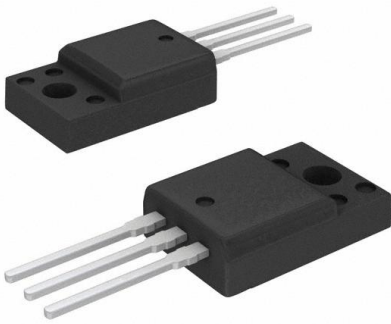


# FQPF3N50C Datasheet

[www.digi-electronics.com](http://www.digi-electronics.com)



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	FQPF3N50C-DG
Manufacturer	<a href="#">onsemi</a>
Manufacturer Product Number	FQPF3N50C
Description	MOSFET N-CH 500V 3A TO220F
Detailed Description	N-Channel 500 V 3A (Tc) 25W (Tc) Through Hole TO-220F-3



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RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

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## Purchase and inquiry

Manufacturer Product Number:

FQPF3N50C

Series:

QFET®

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

500 V

Drive Voltage (Max Rds On, Min Rds On):

10V

Vgs(th) (Max) @ Id:

4V @ 250µA

Vgs (Max):

±30V

FET Feature:

-

Operating Temperature:

-55°C ~ 150°C (Tj)

Supplier Device Package:

TO-220F-3

Base Product Number:

FQPF3

Manufacturer:

onsemi

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

Current - Continuous Drain (Id) @ 25°C:

3A (Tc)

Rds On (Max) @ Id, Vgs:

2.50hm @ 1.5A, 10V

Gate Charge (Qg) (Max) @ Vgs:

13 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

365 pF @ 25 V

Power Dissipation (Max):

25W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-220-3 Full Pack

## Environmental & Export classification

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095



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