

# **FQAF40N25 Information**

Heisener.com

Part Number FQAF40N25

Manufacturer Fairchild/ON Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 250V 24A TO-3PF

Package SC-94

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com
E-mail: salesdept@heisener.com



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# **Certified Quality**

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# **FQAF40N25 Specifications**

Manufacturer Part Number         FQAF40N25           Manufacturer         Fairchild/ON Semiconductor           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         SC-94           Series         QFET?           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         250V           Current - Continuous Drain (Id) @ 25°C         24A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         5V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         110nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         4000pF @ 25V           Vgs (Max)         430V           FET Feature         -           Power Dissipation (Max)         108W (Tc)           Rds On (Max) @ Id, Vgs         70 mOhm @ 12A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-3PF           Package / Case         SC-94		
Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         SC-94           Series         QFET?           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         250V           Current - Continuous Drain (Id) @ 25°C         24A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         5V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         110nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         4000pF @ 25V           Vgs (Max)         ±30V           FET Feature         -           Power Dissipation (Max)         108W (Tc)           Rds On (Max) @ Id, Vgs         70 mOhm @ 12A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-3PF           Package / Case         SC-94	Manufacturer Part Number	FQAF40N25
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FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)250VCurrent - Continuous Drain (Id) @ 25°C24A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5V @ 250μAGate Charge (Qg) (Max) @ Vgs110nC @ 10VInput Capacitance (Ciss) (Max) @ Vds4000pF @ 25VVgs (Max)±30VFET Feature-Power Dissipation (Max)108W (Tc)Rds On (Max) @ Id, Vgs70 mOhm @ 12A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageTO-3PFPackage / CaseSC-94	Package	SC-94
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Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  John Through Hole  Supplier Device Package  Package / Case  SC-94	Current - Continuous Drain (Id) @ 25°C	24A (Tc)
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Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Through Hole  Supplier Device Package  TO-3PF  Package / Case  SC-94	Power Dissipation (Max)	108W (Tc)
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Supplier Device Package TO-3PF Package / Case SC-94	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case SC-94	Mounting Type	Through Hole
	Supplier Device Package	TO-3PF
Report errors?	Package / Case	SC-94
		Report errors?

### **FQAF40N25 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.

### **FQAF40N25 Payment Methods**



















### **FQAF40N25 Shipping Methods**













If you have any question about FQAF40N25, please do not hesitate to contact us!

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