



## STF9N60M2 Information



For Reference Only

Part Number STF9N60M2

Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 600V 5.5A TO-220FP

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.









# STF9N60M2 Specifications

Manufacturer Part Number         STF9N60M2           Manufacturer         STMicroelectronics           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-220-3 Full Pack           Series         MDmesh? II Plus           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         600V           Current - Continuous Drain (Id) @ 25°C         5.5 A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         10nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         320pF @ 100V           Vgs (Max)         ±25V           EET Feature         -           Power Dissipation (Max)         20W (Tc)           Rds On (Max) @ Id, Vgs         780 mOhm @ 3A, 10V           Operating Temperature         150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-220FP           Package / Case         TO-220-3 Full Pack           Report errors?		
Category         Discrete Semiconductor Products           Fackage         TO-220-3 Full Pack           Series         MDmesh? II Plus           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         600V           Current - Continuous Drain (Id) @ 25°C         5.5A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         10nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         320pF @ 100V           Vgs (Max)         ±25V           FET Feature         -           Power Dissipation (Max)         20W (Tc)           Rds On (Max) @ Id, Vgs         780 mOhm @ 3A, 10V           Operating Temperature         150°C (TI)           Mounting Type         Through Hole           Supplier Device Package         TO-220FP           Package / Case         TO-220-3 Full Pack	Manufacturer Part Number	STF9N60M2
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Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  ETF Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  Mounting Type  Through Hole  Supplier Device Package  Package / Case  10nC @ 10V  320pF @ 100V  220V  Temperature  -  20W (Tc)  780 mOhm @ 3A, 10V  Through Hole  Through Hole  TO-220-3 Full Pack	Drive Voltage (Max Rds On, Min Rds On)	10V
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Supplier Device Package TO-220FP Package / Case TO-220-3 Full Pack	Operating Temperature	150°C (TJ)
Package / Case TO-220-3 Full Pack	Mounting Type	Through Hole
	Supplier Device Package	TO-220FP
Report errors?	Package / Case	TO-220-3 Full Pack
		Report errors?

#### STF9N60M2 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.

## STF9N60M2 Payment Methods



















## STF9N60M2 Shipping Methods













If you have any question about STF9N60M2, please do not hesitate to contact us!

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