STFI12N60M2

STFI12N60M2 Information

For Reference Only

Part Number STFI12N60M2
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 600V 9A I2PAK-FP
Package TO-262-3 Full Pack, I2Pak

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.

STFI12N60M2 Specifications

Manufacturer Part Number	STFI12N60M2
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-262-3 Full Pack, I2Pak
Series	MDmesh? M2
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	600V
Current - Continuous Drain (Id) @ 25°C	9A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	16nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	538pF @ 100V
Vgs (Max)	±25V
FET Feature	-
Power Dissipation (Max)	25W (Tc)
Rds On (Max) @ Id, Vgs	450 mOhm @ 4.5A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	I2PAKFP (TO-281)
Package / Case	TO-262-3 Full Pack, I2Pak
	Report errors?

STFI12N60M2 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.

STFI12N60M2 Payment Methods

STFI12N60M2 Shipping Methods

If you have any question about STFI12N60M2, please do not hesitate to contact us!
Website: https://www.heisener.com
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