



### STD6NM60N Information



For Reference Only

Part Number STD6NM60N

Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 600V 4.6A DPAK **Package** TO-252-3, DPak (2 Leads + Tab), SC-63

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.









# STD6NM60N Specifications

Manufacturer Part Number	STD6NM60N
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	MDmesh? II
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	600V
Current - Continuous Drain (Id) @ 25°C	4.6A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	13nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	420pF @ 50V
Vgs (Max)	±25V
FET Feature	-
Power Dissipation (Max)	45W (Tc)
Rds On (Max) @ Id, Vgs	920 mOhm @ 2.3A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	D-Pak
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors?

#### STD6NM60N 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.

### STD6NM60N Payment Methods



















## STD6NM60N Shipping Methods













If you have any question about STD6NM60N, please do not hesitate to contact us!

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