

STP5N62K3 Information


For Reference Only

Part Number [STP5N62K3](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 620V 4.2A TO220AB
Package TO-220-3
 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.


STP5N62K3 Specifications

Manufacturer Part Number	STP5N62K3
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	SuperMESH3?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	620V
Current - Continuous Drain (I _d) @ 25°C	4.2A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs} (th) (Max) @ I _d	4.5V @ 50μA
Gate Charge (Q _g) (Max) @ V _{gs}	26nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	680pF @ 50V
V _{gs} (Max)	±30V
FET Feature	-
Power Dissipation (Max)	70W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	1.6 Ohm @ 2.1A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

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STP5N62K3 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.

STP5N62K3 Payment Methods



STP5N62K3 Shipping Methods



If you have any question about STP5N62K3, please do not hesitate to contact us!

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