

TPH3202PS Information


For Reference Only

Part Number [TPH3202PS](#)
Manufacturer Transphorm
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description GAN FET 600V 9A TO220
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.


TPH3202PS Specifications

Manufacturer Part Number	TPH3202PS
Manufacturer	Transphorm
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	-
FET Type	N-Channel
Technology	GaN FET (Gallium Nitride)
Drain to Source Voltage (V _{ds})	600V
Current - Continuous Drain (I _d) @ 25°C	9A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	8V
V _{gs} (th) (Max) @ I _d	2.5V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	9.3nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	760pF @ 480V
V _{gs} (Max)	±18V
FET Feature	-
Power Dissipation (Max)	65W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	350 mOhm @ 5.5A, 8V
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-220
Package / Case	TO-220-3

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TPH3202PS 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.

TPH3202PS Payment Methods



TPH3202PS Shipping Methods



If you have any question about TPH3202PS, please do not hesitate to contact us!

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