

TPH3206PS Information


For Reference Only

Part Number [TPH3206PS](#)
Manufacturer Transphorm
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description GAN FET 600V 17A 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.


TPH3206PS Specifications

Manufacturer Part Number	TPH3206PS
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 (Vds)	600V
Current - Continuous Drain (Id) @ 25°C	17A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	8V
Vgs(th) (Max) @ Id	2.6V @ 500µA
Gate Charge (Qg) (Max) @ Vgs	9.3nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	760pF @ 480V
Vgs (Max)	±18V
FET Feature	-
Power Dissipation (Max)	96W (Tc)
Rds On (Max) @ Id, Vgs	180 mOhm @ 11A, 8V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220
Package / Case	TO-220-3

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TPH3206PS 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.

TPH3206PS Payment Methods



TPH3206PS Shipping Methods



If you have any question about TPH3206PS, please do not hesitate to contact us!

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