

TPH3206PSB Information


For Reference Only

Part Number [TPH3206PSB](#)
Manufacturer Transphorm
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH GANFET 650V 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.


TPH3206PSB Specifications

Manufacturer Part Number	TPH3206PSB
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})	650V
Current - Continuous Drain (I _d) @ 25°C	16A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	8V
V _{gs} (th) (Max) @ I _d	2.6V @ 500μA
Gate Charge (Q _g) (Max) @ V _{gs}	6.2nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	720pF @ 480V
V _{gs} (Max)	±18V
FET Feature	-
Power Dissipation (Max)	81W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	180 mOhm @ 10A, 8V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

[Report errors?](#)

TPH3206PSB 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.

TPH3206PSB Payment Methods



TPH3206PSB Shipping Methods



If you have any question about TPH3206PSB, please do not hesitate to contact us!

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