

TPH3207WS Information


For Reference Only

Part Number [TPH3207WS](#)
Manufacturer Transphorm
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description GAN FET 650V 50A TO247
Package TO-247-3
 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.


TPH3207WS Specifications

Manufacturer Part Number	TPH3207WS
Manufacturer	Transphorm
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	-
FET Type	N-Channel
Technology	GaN FET (Gallium Nitride)
Drain to Source Voltage (V _{ds})	650V
Current - Continuous Drain (I _d) @ 25°C	50A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	8V
V _{gs} (th) (Max) @ I _d	2.65V @ 700μA
Gate Charge (Q _g) (Max) @ V _{gs}	42nC @ 8V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	2197pF @ 400V
V _{gs} (Max)	±18V
FET Feature	-
Power Dissipation (Max)	178W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	41 mOhm @ 32A, 8V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-247
Package / Case	TO-247-3

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TPH3207WS 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.

TPH3207WS Payment Methods



TPH3207WS Shipping Methods



If you have any question about TPH3207WS, please do not hesitate to contact us!

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