

**TPH3206LDB Information**


For Reference Only

**Part Number** [TPH3206LDB](#)  
**Manufacturer** Transphorm  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH GANFET 650V 16A PQFN  
**Package** 4-PowerDFN  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**TPH3206LDB Specifications**

Manufacturer Part Number	<a href="#">TPH3206LDB</a>
Manufacturer	Transphorm
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	4-PowerDFN
Series	-
FET Type	N-Channel
Technology	GaN FET (Gallium Nitride)
Drain to Source Voltage (Vds)	650V
Current - Continuous Drain (Id) @ 25°C	16A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	8V
Vgs(th) (Max) @ Id	2.6V @ 500µA
Gate Charge (Qg) (Max) @ Vgs	6.2nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	720pF @ 480V
Vgs (Max)	±18V
FET Feature	-
Power Dissipation (Max)	81W (Tc)
Rds On (Max) @ Id, Vgs	180 mOhm @ 10A, 8V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PQFN (8x8)
Package / Case	4-PowerDFN

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## TPH3206LDB 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.

## TPH3206LDB Payment Methods



## TPH3206LDB Shipping Methods



If you have any question about TPH3206LDB, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)