

TPH2R506PL,L1Q Information


For Reference Only

Part Number [TPH2R506PL,L1Q](#)
Manufacturer Toshiba Semiconductor and Storage
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description X35 PB-F POWER MOSFET TRANSISTOR
Package 8-PowerVDFN
 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.


TPH2R506PL,L1Q Specifications

Manufacturer Part Number	TPH2R506PL,L1Q
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerVDFN
Series	U-MOSIX-H
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	100A
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.5V @ 500µA
Gate Charge (Qg) (Max) @ Vgs	60nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	5435pF @ 30V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	134W (Tc)
Rds On (Max) @ Id, Vgs	4.4 mOhm @ 30A, 4.5V
Operating Temperature	175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-SOP Advance (5x5)
Package / Case	8-PowerVDFN

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TPH2R506PL,L1Q 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.

TPH2R506PL,L1Q Payment Methods



TPH2R506PL,L1Q Shipping Methods



If you have any question about TPH2R506PL,L1Q, please do not hesitate to contact us!

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