

TPC8A06-H(TE12LQM) Information


For Reference Only

Part Number [TPC8A06-H\(TE12LQM\)](#)
Manufacturer Toshiba Semiconductor and Storage
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 12A 8SOP
Package 8-SOIC (0.173", 4.40mm Width)
 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.


TPC8A06-H(TE12LQM) Specifications

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|--|---|
| Manufacturer Part Number | TPC8A06-H(TE12LQM) |
| Manufacturer | Toshiba Semiconductor and Storage |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | 8-SOIC (0.173", 4.40mm Width) |
| Series | - |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 30V |
| Current - Continuous Drain (Id) @ 25°C | 12A (Ta) |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Vgs(th) (Max) @ Id | 2.3V @ 1mA |
| Gate Charge (Qg) (Max) @ Vgs | 19nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 1800pF @ 10V |
| Vgs (Max) | ±20V |
| FET Feature | Schottky Diode (Body) |
| Power Dissipation (Max) | - |
| Rds On (Max) @ Id, Vgs | 10.1 mOhm @ 6A, 10V |
| Operating Temperature | - |
| Mounting Type | Surface Mount |
| Supplier Device Package | 8-SOP (5.5x6.0) |
| Package / Case | 8-SOIC (0.173", 4.40mm Width) |

[Report errors?](#)

TPC8A06-H(TE12LQM) 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.

TPC8A06-H(TE12LQM) Payment Methods



TPC8A06-H(TE12LQM) Shipping Methods



If you have any question about TPC8A06-H(TE12LQM), please do not hesitate to contact us!

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