

**TPC8022-H(TE12LQ,M Information**


For Reference Only

**Part Number** [TPC8022-H\(TE12LQ,M](#)  
**Manufacturer** Toshiba Semiconductor and Storage  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 40V 7.5A SOP8 2-6J1B  
**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](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.


**TPC8022-H(TE12LQ,M Specifications**

Manufacturer Part Number	<a href="#">TPC8022-H(TE12LQ,M</a>
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	8-SOIC (0.173", 4.40mm Width)
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	7.5A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.3V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	11nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	650pF @ 10V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1W (Ta)
Rds On (Max) @ Id, Vgs	27 mOhm @ 3.8A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-SOP (5.5x6.0)
Package / Case	8-SOIC (0.173", 4.40mm Width)

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## TPC8022-H(TE12LQ,M 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.

## TPC8022-H(TE12LQ,M Payment Methods



## TPC8022-H(TE12LQ,M Shipping Methods



If you have any question about TPC8022-H(TE12LQ,M, please do not hesitate to contact us!

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