

**TPCP8001-H(TE85LFM Information)**


For Reference Only

**Part Number** [TPCP8001-H\(TE85LFM\)](#)  
**Manufacturer** Toshiba Semiconductor and Storage  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 30V 7.2A PS-8  
**Package** 8-SMD, Flat Lead  
 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.


**TPCP8001-H(TE85LFM Specifications)**

Manufacturer Part Number	<a href="#">TPCP8001-H(TE85LFM)</a>
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	8-SMD, Flat Lead
Series	U-MOSIII
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	7.2A (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	640pF @ 10V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1W (Ta), 30W (Tc)
Rds On (Max) @ Id, Vgs	16 mOhm @ 3.6A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PS-8 (2.9x2.4)
Package / Case	8-SMD, Flat Lead

[Report errors?](#)

## TPCP8001-H(TE85LFM 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.

## TPCP8001-H(TE85LFM Payment Methods



## TPCP8001-H(TE85LFM Shipping Methods



If you have any question about TPCP8001-H(TE85LFM, please do not hesitate to contact us!

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

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