

**TPCF8B01(TE85L,F,M Information**


For Reference Only

**Part Number** [TPCF8B01\(TE85L,F,M](#)  
**Manufacturer** Toshiba Semiconductor and Storage  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET P-CH 20V 2.7A VS-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.


**TPCF8B01(TE85L,F,M Specifications**

Manufacturer Part Number	<a href="#">TPCF8B01(TE85L,F,M</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	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	2.7A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	1.8V, 4.5V
Vgs(th) (Max) @ Id	1.2V @ 200µA
Gate Charge (Qg) (Max) @ Vgs	6nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	470pF @ 10V
Vgs (Max)	±8V
FET Feature	Schottky Diode (Isolated)
Power Dissipation (Max)	330mW (Ta)
Rds On (Max) @ Id, Vgs	110 mOhm @ 1.4A, 4.5V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	VS-8 (2.9x1.5)
Package / Case	8-SMD, Flat Lead

[Report errors?](#)

## TPCF8B01(TE85L,F,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.

## TPCF8B01(TE85L,F,M Payment Methods



## TPCF8B01(TE85L,F,M Shipping Methods



If you have any question about TPCF8B01(TE85L,F,M, please do not hesitate to contact us!

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