

TPC6009-H(TE85L,FM Information


For Reference Only

Part Number [TPC6009-H\(TE85L,FM](#)
Manufacturer Toshiba Semiconductor and Storage
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 40V 5.3A VS6
Package SOT-23-6 Thin, TSOT-23-6
 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.


TPC6009-H(TE85L,FM Specifications

Manufacturer Part Number	TPC6009-H(TE85L,FM
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-23-6 Thin, TSOT-23-6
Series	U-MOSVI-H
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	5.3A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.3V @ 100µA
Gate Charge (Qg) (Max) @ Vgs	4.7nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	290pF @ 10V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	700mW (Ta)
Rds On (Max) @ Id, Vgs	81 mOhm @ 2.7A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	VS-6 (2.9x2.8)
Package / Case	SOT-23-6 Thin, TSOT-23-6

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TPC6009-H(TE85L,FM 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.

TPC6009-H(TE85L,FM Payment Methods



TPC6009-H(TE85L,FM Shipping Methods



If you have any question about TPC6009-H(TE85L,FM, please do not hesitate to contact us!

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