

TPCA8102(TE12L,Q,M Information


For Reference Only

Part Number [TPCA8102\(TE12L,Q,M](#)
Manufacturer Toshiba Semiconductor and Storage
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET P-CH 30V 40A SOP-8 ADV
Package 8-PowerVDFN
 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.


TPCA8102(TE12L,Q,M Specifications

Manufacturer Part Number	TPCA8102(TE12L,Q,M
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerVDFN
Series	-
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	40A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Vgs(th) (Max) @ Id	2V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	109nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4600pF @ 10V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1.6W (Ta), 45W (Tc)
Rds On (Max) @ Id, Vgs	6 mOhm @ 20A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-SOP Advance (5x5)
Package / Case	8-PowerVDFN

[Report errors?](#)

TPCA8102(TE12L,Q,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.

TPCA8102(TE12L,Q,M Payment Methods



TPCA8102(TE12L,Q,M Shipping Methods



If you have any question about TPCA8102(TE12L,Q,M, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com