

TK12E80W,S1X Information


For Reference Only

Part Number [TK12E80W,S1X](#)
Manufacturer Toshiba Semiconductor and Storage
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 800V 11.5A TO220-3
Package TO-220-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


TK12E80W,S1X Specifications

Manufacturer Part Number	TK12E80W,S1X
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	DTMOSIV
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	800V
Current - Continuous Drain (Id) @ 25°C	11.5A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 570µA
Gate Charge (Qg) (Max) @ Vgs	23nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1400pF @ 300V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	165W (Tc)
Rds On (Max) @ Id, Vgs	450 mOhm @ 5.8A, 10V
Operating Temperature	150°C
Mounting Type	Through Hole
Supplier Device Package	TO-220
Package / Case	TO-220-3

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TK12E80W,S1X 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.

TK12E80W,S1X Payment Methods



TK12E80W,S1X Shipping Methods



If you have any question about TK12E80W,S1X, please do not hesitate to contact us!

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