



TK72E12N1,S1X Information



For Reference Only

Part Number TK72E12N1,S1X

Manufacturer Toshiba Semiconductor and Storage

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N CH 120V 72A TO-220

Package TO-220-3

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.









TK72E12N1,S1X Specifications

Manufacturer Part Number	TK72E12N1,S1X
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	U-MOSVIII-H
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	120V
Current - Continuous Drain (Id) @ 25°C	72A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	130nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	8100pF @ 60V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	255W (Tc)
Rds On (Max) @ Id, Vgs	4.4 mOhm @ 36A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220-3
Package / Case	TO-220-3
	Report errors?

TK72E12N1,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.

TK72E12N1,S1X Payment Methods



















TK72E12N1,S1X Shipping Methods













If you have any question about TK72E12N1,S1X, please do not hesitate to contact us!

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