

TK72E08N1,S1X Information


For Reference Only

Part Number [TK72E08N1,S1X](#)
Manufacturer Toshiba Semiconductor and Storage
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N CH 80V 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


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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.


TK72E08N1,S1X Specifications

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| Manufacturer Part Number | TK72E08N1,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 (V _{dss}) | 80V |
| Current - Continuous Drain (I _d) @ 25°C | 72A (Ta) |
| Drive Voltage (Max R _{ds} On, Min R _{ds} On) | 10V |
| V _{gs(th)} (Max) @ I _d | 4V @ 1mA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 81nC @ 10V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 5500pF @ 40V |
| V _{gs} (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 192W (Tc) |
| R _{ds} On (Max) @ I _d , V _{gs} | 4.3 mOhm @ 36A, 10V |
| Operating Temperature | 150°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-220 |
| Package / Case | TO-220-3 |

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TK72E08N1,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.

TK72E08N1,S1X Payment Methods



TK72E08N1,S1X Shipping Methods



If you have any question about TK72E08N1,S1X, please do not hesitate to contact us!

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