

TK6A80E,S4X Information


For Reference Only

Part Number [TK6A80E,S4X](#)
Manufacturer Toshiba Semiconductor and Storage
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 800V TO220SIS
Package TO-220-3 Full Pack, Isolated Tab
 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.


TK6A80E,S4X Specifications

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|--|---|
| Manufacturer Part Number | TK6A80E,S4X |
| Manufacturer | Toshiba Semiconductor and Storage |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-220-3 Full Pack, Isolated Tab |
| Series | -MOSVIII |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 800V |
| Current - Continuous Drain (Id) @ 25°C | 6A (Ta) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4V @ 600µA |
| Gate Charge (Qg) (Max) @ Vgs | 32nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 1350pF @ 25V |
| Vgs (Max) | ±30V |
| FET Feature | - |
| Power Dissipation (Max) | 45W (Tc) |
| Rds On (Max) @ Id, Vgs | 1.7 Ohm @ 3A, 10V |
| Operating Temperature | 150°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-220SIS |
| Package / Case | TO-220-3 Full Pack, Isolated Tab |

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TK6A80E,S4X 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.

TK6A80E,S4X Payment Methods



TK6A80E,S4X Shipping Methods



If you have any question about TK6A80E,S4X, please do not hesitate to contact us!

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