

TK31N60W5,S1VF Information


For Reference Only

Part Number [TK31N60W5,S1VF](#)
Manufacturer Toshiba Semiconductor and Storage
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 600V 30.8A TO-247
Package TO-247-3
 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.


TK31N60W5,S1VF Specifications

Manufacturer Part Number	TK31N60W5,S1VF
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	DTMOSIV
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	600V
Current - Continuous Drain (Id) @ 25°C	30.8A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.5V @ 1.5mA
Gate Charge (Qg) (Max) @ Vgs	105nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3000pF @ 300V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	230W (Tc)
Rds On (Max) @ Id, Vgs	99 mOhm @ 15.4A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247
Package / Case	TO-247-3

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TK31N60W5,S1VF 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.

TK31N60W5,S1VF Payment Methods



TK31N60W5,S1VF Shipping Methods



If you have any question about TK31N60W5,S1VF, please do not hesitate to contact us!

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