

TK6Q65W,S1Q Information


For Reference Only

Part Number [TK6Q65W,S1Q](#)
Manufacturer Toshiba Semiconductor and Storage
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 650V 5.8A IPAK-OS
Package TO-251-3 Stub Leads, IPak
 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.


TK6Q65W,S1Q Specifications

Manufacturer Part Number	TK6Q65W,S1Q
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Stub Leads, IPak
Series	DTMOSIV
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	650V
Current - Continuous Drain (Id) @ 25°C	5.8A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.5V @ 180µA
Gate Charge (Qg) (Max) @ Vgs	11nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	390pF @ 300V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	60W (Tc)
Rds On (Max) @ Id, Vgs	1.05 Ohm @ 2.9A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	I-Pak
Package / Case	TO-251-3 Stub Leads, IPak

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TK6Q65W,S1Q 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.

TK6Q65W,S1Q Payment Methods



TK6Q65W,S1Q Shipping Methods



If you have any question about TK6Q65W,S1Q, please do not hesitate to contact us!

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