

**TK62J60W,S1VQ Information**


For Reference Only

**Part Number** [TK62J60W,S1VQ](#)  
**Manufacturer** Toshiba Semiconductor and Storage  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N CH 600V 61.8A TO-3P(N)  
**Package** TO-3P-3, SC-65-3  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**TK62J60W,S1VQ Specifications**

Manufacturer Part Number	<a href="#">TK62J60W,S1VQ</a>
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	TO-3P-3, SC-65-3
Series	DTMOSIV
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V <sub>dss</sub> )	600V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	61.8A (T <sub>a</sub> )
Drive Voltage (Max R <sub>ds On</sub> , Min R <sub>ds On</sub> )	10V
V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>	3.7V @ 3.1mA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	180nC @ 10V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	6500pF @ 300V
V <sub>gs</sub> (Max)	±30V
FET Feature	Super Junction
Power Dissipation (Max)	400W (T <sub>c</sub> )
R <sub>ds On</sub> (Max) @ I <sub>d</sub> , V <sub>gs</sub>	38 mOhm @ 30.9A, 10V
Operating Temperature	150°C (T <sub>J</sub> )
Mounting Type	Through Hole
Supplier Device Package	TO-3P(N)
Package / Case	TO-3P-3, SC-65-3

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## TK62J60W,S1VQ 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.

## TK62J60W,S1VQ Payment Methods



## TK62J60W,S1VQ Shipping Methods



If you have any question about TK62J60W,S1VQ, please do not hesitate to contact us!

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