

**TLP2309(TPL,E) Information**


For Reference Only

**Part Number** [TLP2309\(TPL,E\)](#)  
**Manufacturer** Toshiba Semiconductor and Storage  
**Category** Isolators  
[Optoisolators - Transistor, Photovoltaic Output](#)  
**Description** OPTOISO 3.75KV TRANS 6-SO 5 LEAD  
**Package** 6-SOIC (0.179", 4.55mm Width) 5 Leads  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**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.


**TLP2309(TPL,E) Specifications**

Manufacturer Part Number	<a href="#">TLP2309(TPL,E)</a>
Manufacturer	Toshiba Semiconductor and Storage
Category	Isolators <a href="#">Optoisolators - Transistor, Photovoltaic Output</a>
Package	6-SOIC (0.179", 4.55mm Width) 5 Leads
Series	-
Number of Channels	1
Voltage - Isolation	3750Vrms
Current Transfer Ratio (Min)	15% @ 16mA
Current Transfer Ratio (Max)	-
Turn On / Turn Off Time (Typ)	1μs, 1μs (Max)
Rise / Fall Time (Typ)	-
Input Type	DC
Output Type	Transistor
Voltage - Output (Max)	20V
Current - Output / Channel	8mA
Voltage - Forward (Vf) (Typ)	1.55V
Current - DC Forward (If) (Max)	25mA
Vce Saturation (Max)	-
Operating Temperature	-40°C ~ 110°C
Mounting Type	Surface Mount
Package / Case	6-SOIC (0.179", 4.55mm Width) 5 Leads
Supplier Device Package	6-SO, 5 Lead

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## TLP2309(TPL,E) 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.

## TLP2309(TPL,E) Payment Methods



## TLP2309(TPL,E) Shipping Methods



If you have any question about TLP2309(TPL,E), please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)