

**TLP290(GB,SE Information)**


For Reference Only

**Part Number** [TLP290\(GB,SE\)](#)  
**Manufacturer** Toshiba Semiconductor and Storage  
**Category** Isolators  
[Optoisolators - Transistor, Photovoltaic Output](#)  
**Description** OPTOISOLATOR 3.75KV TRANS 4-SO  
**Package** 4-SOIC (0.179", 4.55mm)  
 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.


**TLP290(GB,SE Specifications)**

Manufacturer Part Number	<a href="#">TLP290(GB,SE)</a>
Manufacturer	Toshiba Semiconductor and Storage
Category	Isolators <a href="#">Optoisolators - Transistor, Photovoltaic Output</a>
Package	4-SOIC (0.179", 4.55mm)
Series	-
Number of Channels	1
Voltage - Isolation	3750Vrms
Current Transfer Ratio (Min)	100% @ 5mA
Current Transfer Ratio (Max)	400% @ 5mA
Turn On / Turn Off Time (Typ)	7μs, 7μs
Rise / Fall Time (Typ)	4μs, 7μs
Input Type	AC, DC
Output Type	Transistor
Voltage - Output (Max)	80V
Current - Output / Channel	50mA
Voltage - Forward (Vf) (Typ)	1.25V
Current - DC Forward (If) (Max)	50mA
Vce Saturation (Max)	300mV
Operating Temperature	-55°C ~ 110°C
Mounting Type	Surface Mount
Package / Case	4-SOIC (0.179", 4.55mm)
Supplier Device Package	4-SO

[Report errors?](#)

## TLP290(GB,SE 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.

## TLP290(GB,SE Payment Methods



## TLP290(GB,SE Shipping Methods



If you have any question about TLP290(GB,SE, please do not hesitate to contact us!

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

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