

**TLP251(F) Information**


For Reference Only

**Part Number** [TLP251\(F\)](#)  
**Manufacturer** Toshiba Semiconductor and Storage  
**Category** Isolators  
[Isolators - Gate Drivers](#)  
**Description** OPTOISO 2.5KV GATE DRIVER 8DIP  
**Package** 8-DIP (0.300", 7.62mm)  
 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.


**TLP251(F) Specifications**

Manufacturer Part Number	<a href="#">TLP251(F)</a>
Manufacturer	Toshiba Semiconductor and Storage
Category	Isolators <a href="#">Isolators - Gate Drivers</a>
Package	8-DIP (0.300", 7.62mm)
Series	-
Technology	Optical Coupling
Number of Channels	1
Voltage - Isolation	2500Vrms
Common Mode Transient Immunity (Min)	5kV/μs
Propagation Delay tpLH / tpHL (Max)	1μs, 1μs
Pulse Width Distortion (Max)	-
Rise / Fall Time (Typ)	-
Current - Output High, Low	100mA, 100mA
Current - Peak Output	400mA
Voltage - Forward (Vf) (Typ)	1.6V
Current - DC Forward (If) (Max)	20mA
Voltage - Supply	10 V ~ 30 V
Operating Temperature	-20°C ~ 85°C
Mounting Type	Through Hole
Package / Case	8-DIP (0.300", 7.62mm)
Supplier Device Package	8-DIP
Approvals	UR
	<a href="#">Report errors?</a>

## TLP251(F) 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.

## TLP251(F) Payment Methods



## TLP251(F) Shipping Methods



If you have any question about TLP251(F), please do not hesitate to contact us!

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

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