

TLP2451A(F) Information


For Reference Only

Part Number [TLP2451A\(F\)](#)
Manufacturer Toshiba Semiconductor and Storage
Category Isolators
[Isolators - Gate Drivers](#)
Description OPTOISO 3.75KV GATE DRIVER 8SO
Package 8-SOIC (0.154", 3.90mm Width)
 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.


TLP2451A(F) Specifications

Manufacturer Part Number	TLP2451A(F)
Manufacturer	Toshiba Semiconductor and Storage
Category	Isolators Isolators - Gate Drivers
Package	8-SOIC (0.154", 3.90mm Width)
Series	-
Technology	Optical Coupling
Number of Channels	1
Voltage - Isolation	3750V _{rms}
Common Mode Transient Immunity (Min)	20kV/μs
Propagation Delay tpLH / tpHL (Max)	500ns, 500ns
Pulse Width Distortion (Max)	350ns
Rise / Fall Time (Typ)	50ns, 50ns
Current - Output High, Low	400mA, 400mA
Current - Peak Output	600mA
Voltage - Forward (Vf) (Typ)	1.55V
Current - DC Forward (If) (Max)	25mA
Voltage - Supply	10 V ~ 30 V
Operating Temperature	-40°C ~ 125°C
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SO
Approvals	CSA, cUL, UL

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TLP2451A(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.

TLP2451A(F) Payment Methods



TLP2451A(F) Shipping Methods



If you have any question about TLP2451A(F), please do not hesitate to contact us!

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