

ACPL-312T-500E Information


For Reference Only

Part Number [ACPL-312T-500E](#)
Manufacturer Broadcom Limited
Category Isolators
[Isolators - Gate Drivers](#)
Description OPTOISO 3.75KV GATE DRVR 8DIP GW
Package 8-SMD, Gull Wing
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


ACPL-312T-500E Specifications

Manufacturer Part Number	ACPL-312T-500E
Manufacturer	Broadcom Limited
Category	Isolators Isolators - Gate Drivers
Package	8-SMD, Gull Wing
Series	Automotive, AEC-Q100, R2Coupler?
Technology	Optical Coupling
Number of Channels	1
Voltage - Isolation	3750Vrms
Common Mode Transient Immunity (Min)	25kV/ μ s
Propagation Delay tpLH / tpHL (Max)	500ns, 500ns
Pulse Width Distortion (Max)	300ns
Rise / Fall Time (Typ)	100ns, 100ns
Current - Output High, Low	2A, 2A
Current - Peak Output	2.5A
Voltage - Forward (Vf) (Typ)	1.5V
Current - DC Forward (If) (Max)	25mA
Voltage - Supply	15 V ~ 30 V
Operating Temperature	-40°C ~ 125°C
Mounting Type	Surface Mount
Package / Case	8-SMD, Gull Wing
Supplier Device Package	8-DIP Gull Wing
Approvals	CSA, IEC/EN/DIN, UR

[Report errors?](#)

ACPL-312T-500E 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.

ACPL-312T-500E Payment Methods



ACPL-312T-500E Shipping Methods



If you have any question about ACPL-312T-500E, please do not hesitate to contact us!

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