

HCPL-314J#500 Information


For Reference Only

Part Number [HCPL-314J#500](#)
Manufacturer Broadcom Limited
Category Isolators
[Isolators - Gate Drivers](#)
Description OPTOISO 5KV 2CH GATE DRIVER 16SO
Package 16-SOIC (0.295", 7.50mm Width)
 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.


HCPL-314J#500 Specifications

| | |
|--------------------------------------|---|
| Manufacturer Part Number | HCPL-314J#500 |
| Manufacturer | Broadcom Limited |
| Category | Isolators Isolators - Gate Drivers |
| Package | 16-SOIC (0.295", 7.50mm Width) |
| Series | - |
| Technology | Optical Coupling |
| Number of Channels | 2 |
| Voltage - Isolation | 5000Vrms |
| Common Mode Transient Immunity (Min) | 25kV/μs |
| Propagation Delay tpLH / tpHL (Max) | 700ns, 700ns |
| Pulse Width Distortion (Max) | - |
| Rise / Fall Time (Typ) | 50ns, 50ns |
| Current - Output High, Low | 500mA, - |
| Current - Peak Output | 600mA |
| Voltage - Forward (Vf) (Typ) | 1.5V |
| Current - DC Forward (If) (Max) | 25mA |
| Voltage - Supply | 10 V ~ 30 V |
| Operating Temperature | -40°C ~ 100°C |
| Mounting Type | Surface Mount |
| Package / Case | 16-SOIC (0.295", 7.50mm Width) |
| Supplier Device Package | 16-SO |
| Approvals | CSA, IEC/EN/DIN, UR |

[Report errors?](#)

HCPL-314J#500 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.

HCPL-314J#500 Payment Methods



HCPL-314J#500 Shipping Methods



If you have any question about HCPL-314J#500, please do not hesitate to contact us!

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