

HCPL-J314-500E Information


For Reference Only

Part Number [HCPL-J314-500E](#)
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.


HCPL-J314-500E Specifications

| | |
|--------------------------------------|---|
| Manufacturer Part Number | HCPL-J314-500E |
| Manufacturer | Broadcom Limited |
| Category | Isolators Isolators - Gate Drivers |
| Package | 8-SMD, Gull Wing |
| Series | - |
| Technology | Optical Coupling |
| Number of Channels | 1 |
| Voltage - Isolation | 3750Vrms |
| 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 | 400mA, 400mA |
| 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 | 8-SMD, Gull Wing |
| Supplier Device Package | 8-DIP Gull Wing |
| Approvals | CSA, IEC/EN/DIN, UR |

[Report errors?](#)

HCPL-J314-500E 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.

HCPL-J314-500E Payment Methods



HCPL-J314-500E Shipping Methods



If you have any question about HCPL-J314-500E, please do not hesitate to contact us!

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