

**HCPL-J314-300E Information**


For Reference Only

**Part Number** [HCPL-J314-300E](#)  
**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](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.


**HCPL-J314-300E Specifications**

|                                      |   |
|--------------------------------------|---|
| Manufacturer Part Number             | <a href="#">HCPL-J314-300E</a>                        |
| Manufacturer                         | Broadcom Limited                                      |
| Category                             | Isolators<br><a href="#">Isolators - Gate Drivers</a> |
| 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-J314-300E 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-J314-300E Payment Methods



## HCPL-J314-300E Shipping Methods



If you have any question about HCPL-J314-300E, please do not hesitate to contact us!

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

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