

HCPL0600 Information


For Reference Only

Part Number [HCPL0600](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
[Optoisolators - Logic Output](#)
Description OPTOISO 3.75KV OPN COLLECTOR 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.


HCPL0600 Specifications

| | |
|--------------------------------------|---|
| Manufacturer Part Number | HCPL0600 |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Isolators Optoisolators - Logic Output |
| Package | 8-SOIC (0.154", 3.90mm Width) |
| Series | - |
| Number of Channels | 1 |
| Inputs - Side 1/Side 2 | 1/0 |
| Voltage - Isolation | 3750Vrms |
| Common Mode Transient Immunity (Min) | 5kV/μs |
| Input Type | DC |
| Output Type | Open Collector |
| Current - Output / Channel | 50mA |
| Data Rate | 10Mbps |
| Propagation Delay tpLH / tpHL (Max) | 75ns, 75ns |
| Rise / Fall Time (Typ) | 50ns, 12ns |
| Voltage - Forward (Vf) (Typ) | 1.75V (Max) |
| Current - DC Forward (If) (Max) | 50mA |
| Voltage - Supply | 4.5 V ~ 5.5 V |
| Operating Temperature | -40°C ~ 85°C |
| Mounting Type | Surface Mount |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) |
| Supplier Device Package | 8-SO Tall |

[Report errors?](#)

HCPL0600 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.

HCPL0600 Payment Methods



HCPL0600 Shipping Methods



If you have any question about HCPL0600, please do not hesitate to contact us!

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