

HCPL2503 Information


For Reference Only

Part Number [HCPL2503](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
[Optoisolators - Transistor, Photovoltaic Output](#)
Description OPTOISO 2.5KV TRANS W/BASE 8DIP
Package 8-DIP (0.300", 7.62mm)
 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.


HCPL2503 Specifications

| | |
|---------------------------------|--|
| Manufacturer Part Number | HCPL2503 |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Isolators Optoisolators - Transistor, Photovoltaic Output |
| Package | 8-DIP (0.300", 7.62mm) |
| Series | - |
| Number of Channels | 1 |
| Voltage - Isolation | 2500Vrms |
| Current Transfer Ratio (Min) | 12% @ 16mA |
| Current Transfer Ratio (Max) | - |
| Turn On / Turn Off Time (Typ) | 450ns, 300ns |
| Rise / Fall Time (Typ) | - |
| Input Type | DC |
| Output Type | Transistor with Base |
| Voltage - Output (Max) | 20V |
| Current - Output / Channel | 8mA |
| Voltage - Forward (Vf) (Typ) | 1.45V |
| Current - DC Forward (If) (Max) | 25mA |
| Vce Saturation (Max) | - |
| Operating Temperature | -55°C ~ 100°C |
| Mounting Type | Through Hole |
| Package / Case | 8-DIP (0.300", 7.62mm) |
| Supplier Device Package | 8-DIP |

[Report errors?](#)

HCPL2503 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.

HCPL2503 Payment Methods



HCPL2503 Shipping Methods



If you have any question about HCPL2503, please do not hesitate to contact us!

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