

HCPL4502SV Information


For Reference Only

Part Number [HCPL4502SV](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
[Optoisolators - Transistor, Photovoltaic Output](#)
Description OPTOISO 2.5KV TRANS W/BASE 8SMD
Package 8-SMD, Gull Wing
 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.


HCPL4502SV Specifications

Manufacturer Part Number	HCPL4502SV
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators Optoisolators - Transistor, Photovoltaic Output
Package	8-SMD, Gull Wing
Series	-
Number of Channels	1
Voltage - Isolation	2500Vrms
Current Transfer Ratio (Min)	19% @ 16mA
Current Transfer Ratio (Max)	50% @ 16mA
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	Surface Mount
Package / Case	8-SMD, Gull Wing
Supplier Device Package	8-SMD

[Report errors?](#)

HCPL4502SV 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.

HCPL4502SV Payment Methods



HCPL4502SV Shipping Methods



If you have any question about HCPL4502SV, please do not hesitate to contact us!

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