

HCPL0637 Information



For Reference Only

Part Number [HCPL0637](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
[Optoisolators - Logic Output](#)
Description OPTOISO 3.75KV 2CH OPEN COLL 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.



HCPL0637 Specifications

Manufacturer Part Number	HCPL0637
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators
	Optoisolators - Logic Output
Package	8-SOIC (0.154", 3.90mm Width)
Series	-
Number of Channels	2
Inputs - Side 1/Side 2	2/0
Voltage - Isolation	3750Vrms
Common Mode Transient Immunity (Min)	5kV/μs
Input Type	DC
Output Type	Open Collector, Schottky Clamped
Current - Output / Channel	15mA
Data Rate	10Mbps
Propagation Delay tpLH / tpHL (Max)	75ns, 75ns
Rise / Fall Time (Typ)	17ns, 5ns
Voltage - Forward (Vf) (Typ)	1.75V (Max)
Current - DC Forward (If) (Max)	-
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

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HCPL0637 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.

HCPL0637 Payment Methods



HCPL0637 Shipping Methods



If you have any question about HCPL0637, please do not hesitate to contact us!

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