

HCPL-643K Information


For Reference Only

Part Number [HCPL-643K](#)
Manufacturer Broadcom Limited
Category Isolators
[Optoisolators - Logic Output](#)
Description OPTOISO 1.5KV PUSH PULL 20LCCC
Package 20-CLCC
 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.


HCPL-643K Specifications

Manufacturer Part Number	HCPL-643K
Manufacturer	Broadcom Limited
Category	Isolators Optoisolators - Logic Output
Package	20-CLCC
Series	-
Number of Channels	2
Inputs - Side 1/Side 2	2/0
Voltage - Isolation	1500VDC
Common Mode Transient Immunity (Min)	500V/ μ s
Input Type	DC
Output Type	Push-Pull, Totem Pole
Current - Output / Channel	25mA
Data Rate	40Mbps
Propagation Delay tpLH / tpHL (Max)	60ns, 60ns
Rise / Fall Time (Typ)	15ns, 10ns
Voltage - Forward (Vf) (Typ)	1.35V
Current - DC Forward (If) (Max)	10mA
Voltage - Supply	4.75 V ~ 5.25 V
Operating Temperature	-55°C ~ 125°C
Mounting Type	Surface Mount
Package / Case	20-CLCC
Supplier Device Package	20-LCCC

[Report errors?](#)

HCPL-643K 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-643K Payment Methods



HCPL-643K Shipping Methods



If you have any question about HCPL-643K, please do not hesitate to contact us!

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