

HCPL0700R1V Information


For Reference Only

Part Number [HCPL0700R1V](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
[Optoisolators - Transistor, Photovoltaic Output](#)
Description OPTOCOUPLER SGL DARL OUT 8-SOIC
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


[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.


HCPL0700R1V Specifications

| | |
|---------------------------------|------------------------------------------------------------------------------|
| Manufacturer Part Number | HCPL0700R1V |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Isolators Optoisolators - Transistor, Photovoltaic Output |
| Package | 8-SOIC (0.154", 3.90mm Width) |
| Series | - |
| Number of Channels | 1 |
| Voltage - Isolation | 2500Vrms |
| Current Transfer Ratio (Min) | 300% @ 1.6mA |
| Current Transfer Ratio (Max) | 2600% @ 1.6mA |
| Turn On / Turn Off Time (Typ) | 1μs, 7μs |
| Rise / Fall Time (Typ) | - |
| Input Type | DC |
| Output Type | Darlington with Base |
| Voltage - Output (Max) | 7V |
| Current - Output / Channel | 60mA |
| Voltage - Forward (Vf) (Typ) | 1.25V |
| Current - DC Forward (If) (Max) | 20mA |
| Vce Saturation (Max) | - |
| 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?](#)

HCPL0700R1V 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.

HCPL0700R1V Payment Methods



HCPL0700R1V Shipping Methods



If you have any question about HCPL0700R1V, please do not hesitate to contact us!

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