

**FOD8001R2 Information**


For Reference Only

**Part Number** [FOD8001R2](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Isolators  
[Optoisolators - Logic Output](#)  
**Description** OPTOISO 3.75KV PUSH PULL 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](mailto: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.


**FOD8001R2 Specifications**

Manufacturer Part Number	<a href="#">FOD8001R2</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators <a href="#">Optoisolators - Logic Output</a>
Package	8-SOIC (0.154", 3.90mm Width)
Series	-
Number of Channels	1
Inputs - Side 1/Side 2	1/0
Voltage - Isolation	3750Vrms
Common Mode Transient Immunity (Min)	20kV/μs
Input Type	Logic
Output Type	Push-Pull, Totem Pole
Current - Output / Channel	10mA
Data Rate	25Mbps
Propagation Delay tpLH / tpHL (Max)	40ns, 40ns
Rise / Fall Time (Typ)	6.5ns, 6.5ns
Voltage - Forward (Vf) (Typ)	-
Current - DC Forward (If) (Max)	-
Voltage - Supply	3 V ~ 3.6 V, 4.5 V ~ 5.5 V
Operating Temperature	-40°C ~ 105°C
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SO Tall

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## FOD8001R2 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.

## FOD8001R2 Payment Methods



## FOD8001R2 Shipping Methods



If you have any question about FOD8001R2, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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