

**FOD8383R2 Information**


For Reference Only

**Part Number** [FOD8383R2](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Isolators  
[Isolators - Gate Drivers](#)  
**Description** OPTOISO 5KV GATE DRIVER 5SOP  
**Package** 6-SOIC (0.362", 9.20mm Width) 5 Leads  
 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.


**FOD8383R2 Specifications**

Manufacturer Part Number	<a href="#">FOD8383R2</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators <a href="#">Isolators - Gate Drivers</a>
Package	6-SOIC (0.362", 9.20mm Width) 5 Leads
Series	-
Technology	Optical Coupling
Number of Channels	1
Voltage - Isolation	5000Vrms
Common Mode Transient Immunity (Min)	35kV/μs
Propagation Delay tpLH / tpHL (Max)	210ns, 210ns
Pulse Width Distortion (Max)	65ns
Rise / Fall Time (Typ)	35ns, 25ns
Current - Output High, Low	2.5A, 2.5A
Current - Peak Output	3A
Voltage - Forward (Vf) (Typ)	1.43V
Current - DC Forward (If) (Max)	25mA
Voltage - Supply	15 V ~ 30 V
Operating Temperature	-40°C ~ 100°C
Mounting Type	Surface Mount
Package / Case	6-SOIC (0.362", 9.20mm Width) 5 Leads
Supplier Device Package	5-SOP
Approvals	UL

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## FOD8383R2 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.

## FOD8383R2 Payment Methods



## FOD8383R2 Shipping Methods



If you have any question about FOD8383R2, please do not hesitate to contact us!

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