

**FOD8333V Information**


For Reference Only

**Part Number** [FOD8333V](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Isolators  
[Isolators - Gate Drivers](#)  
**Description** OPTOISO 4.243KV GATE DRIVER 16SO  
**Package** 16-SOIC (0.295", 7.50mm 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.


**FOD8333V Specifications**

Manufacturer Part Number	<a href="#">FOD8333V</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators <a href="#">Isolators - Gate Drivers</a>
Package	16-SOIC (0.295", 7.50mm Width)
Series	-
Technology	Optical Coupling
Number of Channels	1
Voltage - Isolation	4243Vrms
Common Mode Transient Immunity (Min)	35kV/μs
Propagation Delay tpLH / tpHL (Max)	250ns, 250ns
Pulse Width Distortion (Max)	100ns
Rise / Fall Time (Typ)	50ns, 50ns
Current - Output High, Low	2.5A, 2.5A
Current - Peak Output	3A
Voltage - Forward (Vf) (Typ)	1.45V
Current - DC Forward (If) (Max)	25mA
Voltage - Supply	3 V ~ 15 V
Operating Temperature	-40°C ~ 100°C
Mounting Type	Surface Mount
Package / Case	16-SOIC (0.295", 7.50mm Width)
Supplier Device Package	16-SO
Approvals	IEC/EN/DIN, UL
	<a href="#">Report errors?</a>

## FOD8333V 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.

## FOD8333V Payment Methods



## FOD8333V Shipping Methods



If you have any question about FOD8333V, please do not hesitate to contact us!

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