

**FOD8316 Information**


For Reference Only

**Part Number** [FOD8316](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Isolators  
[Isolators - Gate Drivers](#)  
**Description** OPTOISO 4.243KV GATE DRVR 16SOIC  
**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.


**FOD8316 Specifications**

|                                      |   |
|--------------------------------------|---|
| Manufacturer Part Number             | <a href="#">FOD8316</a>                               |
| Manufacturer                         | Fairchild/ON Semiconductor                            |
| Category                             | Isolators<br><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)  | 500ns, 500ns  |
| Pulse Width Distortion (Max)         | 300ns   |
| Rise / Fall Time (Typ)               | 34ns, 34ns  |
| Current - Output High, Low           | 2.5A, 2.5A  |
| Current - Peak Output                | 3A  |
| Voltage - Forward (Vf) (Typ)         | -   |
| Current - DC Forward (If) (Max)      | -   |
| Voltage - Supply                     | 15 V ~ 30 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                            | UL  |

[Report errors?](#)

## FOD8316 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.

## FOD8316 Payment Methods



## FOD8316 Shipping Methods



If you have any question about FOD8316, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)