

FOD816S Information


For Reference Only

Part Number [FOD816S](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
[Optoisolators - Transistor, Photovoltaic Output](#)
Description OPTOISOLATOR 5KV DARLINGTON 4SMD
Package 4-SMD, Gull Wing
 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.


FOD816S Specifications

| | |
|---------------------------------|--|
| Manufacturer Part Number | FOD816S |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Isolators Optoisolators - Transistor, Photovoltaic Output |
| Package | 4-SMD, Gull Wing |
| Series | - |
| Number of Channels | 1 |
| Voltage - Isolation | 5000Vrms |
| Current Transfer Ratio (Min) | 600% @ 1mA |
| Current Transfer Ratio (Max) | 7500% @ 1mA |
| Turn On / Turn Off Time (Typ) | - |
| Rise / Fall Time (Typ) | 60μs, 53μs |
| Input Type | AC, DC |
| Output Type | Darlington |
| Voltage - Output (Max) | 35V |
| Current - Output / Channel | 80mA |
| Voltage - Forward (Vf) (Typ) | 1.2V |
| Current - DC Forward (If) (Max) | 50mA |
| Vce Saturation (Max) | 1V |
| Operating Temperature | -30°C ~ 100°C |
| Mounting Type | Surface Mount |
| Package / Case | 4-SMD, Gull Wing |
| Supplier Device Package | 4-SMD |

[Report errors?](#)

FOD816S 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.

FOD816S Payment Methods



FOD816S Shipping Methods



If you have any question about FOD816S, please do not hesitate to contact us!

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