

**FOD8160 Information**


For Reference Only

**Part Number** [FOD8160](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Isolators  
[Optoisolators - Logic Output](#)  
**Description** OPTOISO 5KV OPEN COLLECTOR 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.


**FOD8160 Specifications**

Manufacturer Part Number	<a href="#">FOD8160</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators <a href="#">Optoisolators - Logic Output</a>
Package	6-SOIC (0.362", 9.20mm Width) 5 Leads
Series	-
Number of Channels	1
Inputs - Side 1/Side 2	1/1
Voltage - Isolation	5000Vrms
Common Mode Transient Immunity (Min)	20kV/μs
Input Type	DC
Output Type	Open Collector, Schottky Clamped
Current - Output / Channel	50mA
Data Rate	10Mbps
Propagation Delay tpLH / tpHL (Max)	90ns, 80ns
Rise / Fall Time (Typ)	22ns, 9ns
Voltage - Forward (Vf) (Typ)	1.45V
Current - DC Forward (If) (Max)	25mA
Voltage - Supply	3 V ~ 5.5 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

[Report errors?](#)

## FOD8160 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.

## FOD8160 Payment Methods



## FOD8160 Shipping Methods



If you have any question about FOD8160, please do not hesitate to contact us!

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

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