









 <p>Image may be representation. See specs for product details.</p>	<h2 style="color: red;">FOD8001</h2> <p><b>Manufacturer Part Number:</b> <a href="#">FOD8001</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">Fairchild/ON Semiconductor</a></p> <p><b>Part of Description:</b> OPTOISO 3.75KV PUSH PULL 8SO</p> <p><b>Datasheets:</b>  <a href="#">FOD8001.pdf</a></p> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant New original, 9541 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
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### Specifications

Part Number	<a href="#">FOD8001</a>
Manufacturer	<a href="#">Fairchild/ON Semiconductor</a>
Description	OPTOISO 3.75KV PUSH PULL 8SO
Category	<a href="#">Isolators &gt; Optoisolators - Logic Output</a>
Part Status	9541 pcs Stock
Voltage - Supply	3 V ~ 3.6 V, 4.5 V ~ 5.5 V
Voltage - Isolation	3750Vrms
Voltage - Forward (Vf) (Typ)	-
Supplier Device Package	8-SOIC
Series	-
Rise / Fall Time (Typ)	6.5ns, 6.5ns
Propagation Delay tpLH / tpHL (Max)	40ns, 40ns
Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)
Output Type	Push-Pull, Totem Pole
Operating Temperature	-40°C ~ 105°C
Number of Channels	1
Mounting Type	Surface Mount
Inputs - Side 1/Side 2	1/0
Input Type	Logic
Data Rate	25Mbps
Current - Output / Channel	10mA
Current - DC Forward (If) (Max)	-
Common Mode Transient Immunity (Min)	20kV/μs

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 <p><b>FOD8001</b> AMI Semiconductor / ON Semiconductor OPTOISO 3.75KV PUSH PULL 8SO</p>	 <p><b>FOD8001R2</b> Fairchild/ON Semiconductor OPTOISO 3.75KV PUSH PULL 8SO</p>	 <p><b>FOD70L</b> FAIRCHILD FAIRCHILD SOP8</p>	 <p><b>FOD8012A</b> AMI Semiconductor / ON Semiconductor OPTOISO 3.75KV 2CH PUSH PULL 8SO</p>

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