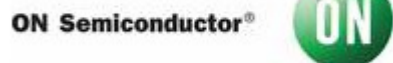


### FOD617DS

Part Number: **FOD617DS**  
 Product Description: OPTOISOLATOR 5KV TRANSISTOR 4SMD  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [FOD617DS.pdf](#)

Manufacturer/Brand: AMI Semiconductor / ON Semiconductor  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS




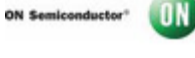





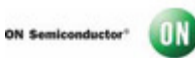




[SUBMIT RFQ](#)

Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	FOD617DS	<b>Manufacturer</b>	AMI Semiconductor / ON Semiconductor
<b>Description</b>	OPTOISOLATOR 5KV TRANSISTOR 4SMD	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	FOD617DS.pdf		
<b>Voltage - Output (Max)</b>	70V	<b>Voltage - Isolation</b>	5000Vrms
<b>Voltage - Forward (Vf) (Typ)</b>	1.35V	<b>Vce Saturation (Max)</b>	400mV
<b>Turn On / Turn Off Time (Typ)</b>	-	<b>Supplier Device Package</b>	4-SMD
<b>Series</b>	-	<b>Rise / Fall Time (Typ)</b>	4µs, 3µs
<b>Packaging</b>	Tube	<b>Package / Case</b>	4-SMD, Gull Wing
<b>Output Type</b>	Transistor	<b>Operating Temperature</b>	-55°C ~ 110°C
<b>Number of Channels</b>	1	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Input Type</b>	DC	<b>Detailed Description</b>	Optoisolator Transistor Output 5000Vrms 1 Channel 4-SMD
<b>Current Transfer Ratio (Min)</b>	160% @ 10mA	<b>Current Transfer Ratio (Max)</b>	320% @ 10mA
<b>Current - Output / Channel</b>	50mA	<b>Current - DC Forward (If) (Max)</b>	50mA

#### Related Products

 <p><b>FOD617DW</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP                  Download: <a href="#">FOD617DW.pdf</a></p> <p><a href="#">RFQ</a></p>	 <p><b>FOD617DSD</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISOLATOR 5KV TRANSISTOR 4SMD                  Download: <a href="#">FOD617DSD.pdf</a></p> <p><a href="#">RFQ</a></p>
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 <p><b>FOD617D300</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP                  Download: <a href="#">FOD617D300.pdf</a></p> <p><a href="#">RFQ</a></p>	 <p><b>FOD8001R2</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISO 3.75KV PUSH PULL 8SO                  Download: <a href="#">FOD8001R2.pdf</a></p> <p><a href="#">RFQ</a></p>
 <p><b>FOD8012AR2</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISO 3.75KV 2CH PUSH PULL 8SO                  Download: <a href="#">FOD8012AR2.pdf</a></p> <p><a href="#">RFQ</a></p>	 <p><b>FOD617D3SD</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISOLATOR 5KV TRANSISTOR 4SMD                  Download: <a href="#">FOD617D3SD.pdf</a></p> <p><a href="#">RFQ</a></p>
 <p><b>FOD8001</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISO 3.75KV PUSH PULL 8SO                  Download: <a href="#">FOD8001.pdf</a></p> <p><a href="#">RFQ</a></p>	 <p><b>FOD617D300W</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP                  Download: <a href="#">FOD617D300W.pdf</a></p> <p><a href="#">RFQ</a></p>
 <p><b>FOD8012A</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISO 3.75KV 2CH PUSH PULL 8SO                  Download: <a href="#">FOD8012A.pdf</a></p> <p><a href="#">RFQ</a></p>	 <p><b>FOD617D3S</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISOLATOR 5KV TRANSISTOR 4SMD                  Download: <a href="#">FOD617D3S.pdf</a></p> <p><a href="#">RFQ</a></p>

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