

FOD8383 Information


For Reference Only

Part Number [FOD8383](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
[Isolators - Gate Drivers](#)
Description OPTOISO 5KV GATE DRIVER 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


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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.


FOD8383 Specifications

Manufacturer Part Number	FOD8383
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators Isolators - Gate Drivers
Package	6-SOIC (0.362", 9.20mm Width) 5 Leads
Series	-
Technology	Optical Coupling
Number of Channels	1
Voltage - Isolation	5000Vrms
Common Mode Transient Immunity (Min)	35kV/μs
Propagation Delay tpLH / tpHL (Max)	210ns, 210ns
Pulse Width Distortion (Max)	65ns
Rise / Fall Time (Typ)	35ns, 25ns
Current - Output High, Low	2.5A, 2.5A
Current - Peak Output	3A
Voltage - Forward (Vf) (Typ)	1.43V
Current - DC Forward (If) (Max)	25mA
Voltage - Supply	15 V ~ 30 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
Approvals	UL

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FOD8383 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.

FOD8383 Payment Methods



FOD8383 Shipping Methods



If you have any question about FOD8383, please do not hesitate to contact us!

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