

FOD8012A Information


For Reference Only

Part Number [FOD8012A](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
[Optoisolators - Logic Output](#)
Description OPTOISO 3.75KV 2CH PUSH PULL 8SO
Package 8-SOIC (0.154", 3.90mm Width)
 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.


FOD8012A Specifications

Manufacturer Part Number	FOD8012A
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators Optoisolators - Logic Output
Package	8-SOIC (0.154", 3.90mm Width)
Series	-
Number of Channels	2
Inputs - Side 1/Side 2	1/1
Voltage - Isolation	3750Vrms
Common Mode Transient Immunity (Min)	20kV/μs
Input Type	Logic
Output Type	Push-Pull, Totem Pole
Current - Output / Channel	10mA
Data Rate	15Mbps
Propagation Delay tpLH / tpHL (Max)	60ns, 60ns
Rise / Fall Time (Typ)	6.5ns, 6.5ns
Voltage - Forward (Vf) (Typ)	-
Current - DC Forward (If) (Max)	-
Voltage - Supply	3 V ~ 3.6 V, 4.5 V ~ 5.5 V
Operating Temperature	-40°C ~ 110°C
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SO Tall

[Report errors?](#)

FOD8012A 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.

FOD8012A Payment Methods



FOD8012A Shipping Methods



If you have any question about FOD8012A, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com