

FOD8314T Information


For Reference Only

Part Number [FOD8314T](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
[Isolators - Gate Drivers](#)
Description OPTOISO 5KV GATE DRIVER 6SOP
Package 6-SOIC (0.268", 6.80mm 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.


FOD8314T Specifications

Manufacturer Part Number	FOD8314T
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators
	Isolators - Gate Drivers
Package	6-SOIC (0.268", 6.80mm Width)
Series	-
Technology	Optical Coupling
Number of Channels	1
Voltage - Isolation	5000Vrms
Common Mode Transient Immunity (Min)	20kV/μs
Propagation Delay tpLH / tpHL (Max)	500ns, 500ns
Pulse Width Distortion (Max)	300ns
Rise / Fall Time (Typ)	60ns, 40ns
Current - Output High, Low	1A, 1A
Current - Peak Output	1.5A
Voltage - Forward (Vf) (Typ)	1.5V
Current - DC Forward (If) (Max)	25mA
Voltage - Supply	16 V ~ 30 V
Operating Temperature	-40°C ~ 100°C
Mounting Type	Surface Mount
Package / Case	6-SOIC (0.268", 6.80mm Width)
Supplier Device Package	6-SOP
Approvals	UL

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FOD8314T 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.

FOD8314T Payment Methods



FOD8314T Shipping Methods



If you have any question about FOD8314T, please do not hesitate to contact us!

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