FOD8318R2 Information

For Reference Only

Part Number	FOD8318R2
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators
	Isolators - Gate Drivers
Description	OPTOISO 4.243KV GATE DRIVER 16SO
Package	16-SOIC (0.295", 7.50mm 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.

FOD8318R2 Specifications

Manufacturer Part Number	FOD8318R2
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators
	Isolators - Gate Drivers
Package	16-SOIC (0.295", 7.50mm Width)
Series	-
Technology	Optical Coupling
Number of Channels	1
Voltage - Isolation	4243Vrms
Common Mode Transient Immunity (Min)	35kV/µs
Propagation Delay tpLH / tpHL (Max)	500ns, 500ns
Pulse Width Distortion (Max)	300ns
Rise / Fall Time (Typ)	34ns, 34ns
Current - Output High, Low	2.5A, 2.5A
Current - Peak Output	3A
Voltage - Forward (Vf) (Typ)	-
Current - DC Forward (If) (Max)	-
Voltage - Supply	15 V ~ 30 V
Operating Temperature	-40°C ~ 100°C
Mounting Type	Surface Mount
Package / Case	16-SOIC (0.295", 7.50mm Width)
Supplier Device Package	16-SO
Approvals	UL

Report errors?

FOD8318R2 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.

FOD8318R2 Payment Methods

FOD8318R2 Shipping Methods

If you have any question about FOD8318R2, please do not hesitate to contact us!
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