FOD3180SD

FOD3180SD Information

For Reference Only

Part Number FOD3180SD
Manufacturer Fairchild/ON Semiconductor
Category Isolators
Isolators - Gate Drivers
Description OPTOISO 5KV GATE DRIVER 8SMD
Package 8-SMD, Gull Wing

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.

FOD3180SD Specifications

Manufacturer Part Number	FOD3180SD
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators
	Isolators - Gate Drivers
Package	8-SMD, Gull Wing
Series	-
Technology	Optical Coupling
Number of Channels	1
Voltage - Isolation	5000Vrms
Common Mode Transient Immunity (Min)	15kV/µs
Propagation Delay tpLH / tpHL (Max)	200ns, 200ns
Pulse Width Distortion (Max)	65ns
Rise / Fall Time (Typ)	75ns, 55ns
Current - Output High, Low	2A, 2A
Current - Peak Output	2.5A
Voltage - Forward (Vf) (Typ)	1.43V
Current - DC Forward (If) (Max)	25mA
Voltage - Supply	10 V ~ 20 V
Operating Temperature	-40°C ~ 100°C
Mounting Type	Surface Mount
Package / Case	8-SMD, Gull Wing
Supplier Device Package	8-SMD
Approvals	cUL, UL
	Report errors?

FOD3180SD 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.

FOD3180SD Payment Methods

FOD3180SD Shipping Methods

If you have any question about FOD3180SD, please do not hesitate to contact us!
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