

FOD053LR1 Information


For Reference Only

Part Number [FOD053LR1](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
[Optoisolators - Transistor, Photovoltaic Output](#)
Description OPTOISO 2.5KV 2CH TRANS 8SOIC
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.


FOD053LR1 Specifications

| | |
|---------------------------------|--|
| Manufacturer Part Number | FOD053LR1 |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Isolators Optoisolators - Transistor, Photovoltaic Output |
| Package | 8-SOIC (0.154", 3.90mm Width) |
| Series | - |
| Number of Channels | 2 |
| Voltage - Isolation | 2500Vrms |
| Current Transfer Ratio (Min) | 15% @ 16mA |
| Current Transfer Ratio (Max) | 50% @ 16mA |
| Turn On / Turn Off Time (Typ) | 1μs, 1μs (Max) |
| Rise / Fall Time (Typ) | - |
| Input Type | DC |
| Output Type | Transistor |
| Voltage - Output (Max) | 7V |
| Current - Output / Channel | 8mA |
| Voltage - Forward (Vf) (Typ) | 1.45V |
| Current - DC Forward (If) (Max) | 25mA |
| Vce Saturation (Max) | - |
| Operating Temperature | -40°C ~ 85°C |
| Mounting Type | Surface Mount |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) |
| Supplier Device Package | 8-SO Tall |

[Report errors?](#)

FOD053LR1 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.

FOD053LR1 Payment Methods



FOD053LR1 Shipping Methods



If you have any question about FOD053LR1, please do not hesitate to contact us!

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