

4N253SD Information



For Reference Only

Part Number [4N253SD](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
[Optoisolators - Transistor, Photovoltaic Output](#)
Description OPTOISO 5.3KV TRANS W/BASE 6SMD
Package 6-SMD, Gull Wing
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



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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.



4N253SD Specifications

| | |
|---------------------------------|------------------------------------------------------------------------------|
| Manufacturer Part Number | 4N253SD |
| Manufacturer | Fairchild/ON Semiconductor |
| Category | Isolators Optoisolators - Transistor, Photovoltaic Output |
| Package | 6-SMD, Gull Wing |
| Series | - |
| Number of Channels | 1 |
| Voltage - Isolation | 5300Vrms |
| Current Transfer Ratio (Min) | 20% @ 10mA |
| Current Transfer Ratio (Max) | - |
| Turn On / Turn Off Time (Typ) | 2μs, 2μs |
| Rise / Fall Time (Typ) | - |
| Input Type | DC |
| Output Type | Transistor with Base |
| Voltage - Output (Max) | 30V |
| Current - Output / Channel | - |
| Voltage - Forward (Vf) (Typ) | 1.18V |
| Current - DC Forward (If) (Max) | 100mA |
| Vce Saturation (Max) | 500mV |
| Operating Temperature | -55°C ~ 100°C |
| Mounting Type | Surface Mount |
| Package / Case | 6-SMD, Gull Wing |
| Supplier Device Package | 6-SMD |

[Report errors?](#)

4N253SD 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.

4N253SD Payment Methods



4N253SD Shipping Methods



If you have any question about 4N253SD, please do not hesitate to contact us!

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