

**74HC4051D-Q100,118 Information**


For Reference Only

**Part Number** [74HC4051D-Q100,118](#)  
**Manufacturer** Nexperia USA Inc.  
**Category** Integrated Circuits (ICs)  
[Interface - Analog Switches, Multiplexers, Demultiplexers](#)  
**Description** IC MUX/DEMUX 8CH ANLG 16SOIC  
**Package** 16-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](mailto: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.


**74HC4051D-Q100,118 Specifications**

Manufacturer Part Number	<a href="#">74HC4051D-Q100,118</a>
Manufacturer	Nexperia USA Inc.
Category	Integrated Circuits (ICs) <a href="#">Interface - Analog Switches, Multiplexers, Demultiplexers</a>
Package	16-SOIC (0.154", 3.90mm Width)
Series	Automotive, AEC-Q100
Switch Circuit	-
Multiplexer/Demultiplexer Circuit	8:1
Number of Circuits	1
On-State Resistance (Max)	120 Ohm
Channel-to-Channel Matching (Ron)	6 Ohm
Voltage - Supply, Single (V+)	2 V ~ 10 V
Voltage - Supply, Dual (V±)	±1.5 V ~ 5 V
Switch Time (Ton, Toff) (Max)	51ns, 42ns
-3db Bandwidth	180MHz
Charge Injection	-
Channel Capacitance (CS(off), CD(off))	3.5pF
Current - Leakage (IS(off)) (Max)	400nA
Crosstalk	-
Operating Temperature	-40°C ~ 125°C (TA)
Package / Case	16-SOIC (0.154", 3.90mm Width)
Supplier Device Package	16-SO

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## 74HC4051D-Q100,118 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.

## 74HC4051D-Q100,118 Payment Methods



## 74HC4051D-Q100,118 Shipping Methods



If you have any question about 74HC4051D-Q100,118, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)