

74HC4053BQ-Q100,11 Information


For Reference Only

Part Number [74HC4053BQ-Q100,11](#)
Manufacturer Nexperia USA Inc.
Category Integrated Circuits (ICs)
[Interface - Analog Switches, Multiplexers, Demultiplexers](#)
Description IC MUX/DEMUX TRPL 2CH 16DHVQFN
Package 16-VFQFN Exposed Pad
 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.


74HC4053BQ-Q100,11 Specifications

Manufacturer Part Number	74HC4053BQ-Q100,11
Manufacturer	Nexperia USA Inc.
Category	Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers
Package	16-VFQFN Exposed Pad
Series	Automotive, AEC-Q100
Switch Circuit	SPDT
Multiplexer/Demultiplexer Circuit	2:1
Number of Circuits	3
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)	31ns, 29ns
-3db Bandwidth	170MHz
Charge Injection	-
Channel Capacitance (CS(off), CD(off))	3.5pF
Current - Leakage (IS(off)) (Max)	100nA
Crosstalk	-60dB @ 1MHz
Operating Temperature	-40°C ~ 125°C (TA)
Package / Case	16-VFQFN Exposed Pad
Supplier Device Package	16-DHVQFN (2.5x3.5)

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74HC4053BQ-Q100,11 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.

74HC4053BQ-Q100,11 Payment Methods



74HC4053BQ-Q100,11 Shipping Methods



If you have any question about 74HC4053BQ-Q100,11, please do not hesitate to contact us!

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