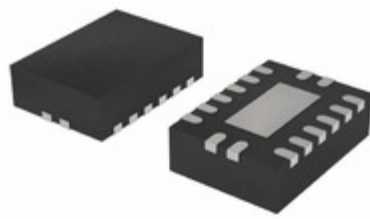


74HCT4052BQ-Q100,1



Part Number: [74HCT4052BQ-Q100,1](#)

Manufacturer [Nexperia](#)

Description IC MUX/DEMUX DUAL 4CH 16DHVQFN

Data sheet:  [74HC\(T\)4052-Q100](#)

RoHs Status: Lead free / RoHS Compliant

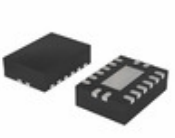
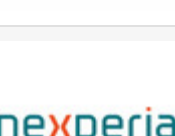
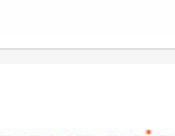
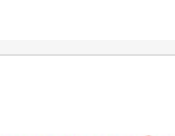
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	74HCT4052BQ-Q100,1	Manufacturer	Nexperia
Description	IC MUX/DEMUX DUAL 4CH 16DHVQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	371299 pcs	Data sheet	74HC(T)4052-Q100
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	4.5 V ~ 5.5 V
Voltage - Supply, Dual (V±)	±1 V ~ 5 V	Switch Time (Ton, Toff) (Max)	60ns, 48ns
Switch Circuit	SP4T	Supplier Device Package	16-DHVQFN (2.5x3.5)
Series	Automotive, AEC-Q100	Packaging	Tape & Reel (TR)
Package / Case	16-VFQFN Exposed Pad	Other Names	1727-7995-2 74HCT4052BQ-Q100,1-ND 935298846115
Operating Temperature	-40°C ~ 125°C (TA)	On-State Resistance (Max)	150 Ohm
Number of Circuits	2	Multiplexer/Demultiplexer Circuit	4:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	13 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	2 Circuit IC Switch 4:1 150 Ohm 16-DHVQFN (2.5x3.5)
Current - Leakage (IS(off)) (Max)	2µA	Crosstalk	-60dB @ 1MHz
Charge Injection	-	Channel-to-Channel Matching (ΔRon)	6 Ohm
Channel Capacitance (CS(off), CD(off))	3.5pF	Base Part Number	74HCT4052
-3db Bandwidth	180MHz		
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	Part#: 74HCT4052BQ,115 Description: IC MUX/DEMUX DUAL 4X1 16DHVQFN	Manufacturers: Nexperia	RFQ
	Part#: 74HCT4051D,118 Description: IC MUX/DEMUX 8X1 16SOIC	Manufacturers: Nexperia	RFQ
	Part#: 74HCT4051PW,118 Description: IC MUX/DEMUX 8X1 16TSSOP	Manufacturers: Nexperia	RFQ
	Part#: 74HCT4051N,112 Description: IC MUX/DEMUX 8X1 16DIP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: 74HCT4052D Description: IC MUX/DEMUX DUAL 4X1 16SOIC	Manufacturers: Toshiba Semiconductor and Storage	RFQ
	Part#: 74HCT4051PW-Q100,1 Description: IC MUX/DEMUX 8CH ANLG 16TSSOP	Manufacturers: Nexperia	RFQ
	Part#: 74HCT4051D/AUJ Description: IC MUX/DEMUX 8X1 16SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: 74HCT4052N,112 Description: IC MUX/DEMUX DUAL 4X1 16DIP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: 74HCT4051D-Q100,11 Description: IC MUX/DEMUX 8CH ANLG 16SOIC	Manufacturers: Nexperia	RFQ
	Part#: 74HCT4052PW-Q100,1 Description: IC MUX/DEMUX DUAL 4CH 16TSSOP	Manufacturers: Nexperia	RFQ
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	Part#: 74HCT4052DB,112 Description: IC MUX/DEMUX DUAL 4X1 16SSOP	Manufacturers: Nexperia	RFQ
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	Part#: 74HCT4051PW,112 Description: IC MUX/DEMUX 8X1 16TSSOP	Manufacturers: Nexperia	RFQ
	Part#: 74HCT4052DB,118 Description: IC MUX/DEMUX DUAL 4X1 16SSOP	Manufacturers: Nexperia	RFQ
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	Part#: 74HCT4051DB,112 Description: IC MUX/DEMUX 8X1 16SSOP	Manufacturers: Nexperia	RFQ

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