



Nexperia



74HCT4052BQ-Q100,1

Part Number:	74HCT4052BQ-Q100,1
Manufacturer/Brand:	Nexperia
Product description	IC MUX/DEMUX DUAL 4CH 16DHVQFN
Datasheets:	 74HCT4052BQ-Q100,1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	480666 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of 74HCT4052BQ-Q100,1

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	480666 pcs
DATA SHEET	 74HCT4052BQ-Q100,1.pdf
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)
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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