

74HC4051BQ-Q100,11



nexperia

Part Number: 74HC4051BQ-Q100,11

Manufacturer: Nexperia

Description: IC MUX/DEMUX 8CH ANLG 16DHVQFN

Data sheet:  [74HC\(T\)4051-Q100](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	74HC4051BQ-Q100,11	Manufacturer	Nexperia
Description	IC MUX/DEMUX 8CH ANLG 16DHVQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	484956 pcs	Data sheet	74HC(T)4051-Q100
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2 V ~ 10 V
Voltage - Supply, Dual (V±)	±1.5 V ~ 5 V	Switch Time (Ton, Toff) (Max)	51ns, 42ns
Switch Circuit	-	Supplier Device Package	16-DHVQFN (2.5x3.5)
Series	Automotive, AEC-Q100	Packaging	Tape & Reel (TR)
Package / Case	16-VFQFN Exposed Pad	Other Names	935298446115
Operating Temperature	-40°C ~ 125°C (TA)	On-State Resistance (Max)	120 Ohm
Number of Circuits	1	Multiplexer/Demultiplexer Circuit	8:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	13 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	1 Circuit IC Switch 8:1 120 Ohm 16-DHVQFN (2.5x3.5)
Current - Leakage (IS(off)) (Max)	400nA	Crosstalk	-
Charge Injection	-	Channel-to-Channel Matching (ΔRon)	6 Ohm
Channel Capacitance (CS(off), CD(off))	3.5pF	Base Part Number	74HC4051
-3db Bandwidth	180MHz		
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	Part#: 74HC4051N,652 Description: IC MUX/DEMUX 8X1 16DIP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: 74HC4050DB,118 Description: IC BUFFER NON-INVERT 6V 16SSOP	Manufacturers: Nexperia	RFQ
	Part#: 74HC4050DB,112 Description: IC BUFFER NON-INVERT 6V 16SSOP	Manufacturers: Nexperia	RFQ
	Part#: 74HC4051D,652 Description: IC MUX/DEMUX 8X1 16SOIC	Manufacturers: Nexperia	RFQ
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	Part#: 74HC4051BQ,115 Description: IC MUX/DEMUX 8X1 16DHVQFN	Manufacturers: Nexperia	RFQ
	Part#: 74HC4051PW,112 Description: IC MUX/DEMUX 8X1 16TSSOP	Manufacturers: Nexperia	RFQ
	Part#: 74HC4051D/AUJ Description: IC MUX/DEMUX 8X1 16SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: 74HC4051DB,112 Description: IC MUX/DEMUX 8X1 16SSOP	Manufacturers: Nexperia	RFQ
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	Part#: 74HC4050D-Q100J Description: IC BUFFER NON-INVERT 6V 16SO	Manufacturers: Nexperia	RFQ
	Part#: 74HC4051DB,118 Description: IC MUX/DEMUX 8X1 16SSOP	Manufacturers: Nexperia	RFQ
	Part#: 74HC4050D,653 Description: IC BUFFER NON-INVERT 6V 16SO	Manufacturers: Nexperia	RFQ
	Part#: 74HC4050N,652 Description: IC BUFFER NON-INVERT 6V 16DIP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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