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See specifications for product details.



MM74HC4052MX

Manufacturer Part Number	MM74HC4052MX
Manufacturer	onsemi
Allelco Part Number	32D-MM74HC4052MX
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SP4T X 2 100OHM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	MM74HC4051-53.pdf

Get a Quote

MM74HC4052MX - onsemi.New Original in Stock. Download Linear Technology MM74HC4052MX datasheet/specifications on AllelcoElec.com.
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Specifications

MM74HC4052MX Tech Specifications

MM74HC4052MX - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Number of Circuits	2
Voltage - Supply, Single (V+)	2V ~ 6V	Multiplexer/Demultiplexer Circuit	4:1
Voltage - Supply, Dual (V±)	±2V ~ 6V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	41ns, 32ns	Current - Leakage (IS(off)) (Max)	100nA
Switch Circuit	SP4T	Crosstalk	-50dB @ 1MHz
Supplier Device Package	16-SOIC	Charge Injection	-
Series	-	Channel-to-Channel Matching (ΔRon)	150hm
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	5pF, 45pF
Package	Tape & Reel (TR)	Base Product Number	74HC4052
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	35MHz
On-State Resistance (Max)	1000hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MM74HC4052MX

Product Attribute				
Part Number	MM74HC4052MX	MM74HC4051WMX	MM74HC4052SJX	MM74HC4052WM
Manufacturer	onsemi	onsemi	onsemi	Fairchild Semiconductor
Switch Circuit	SP4T	-	SP4T	SP4T
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.209", 5.30mm Width)	16-SOIC (0.295", 7.50mm Width)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Voltage - Supply, Single (V+)	2V ~ 6V	2V ~ 6V	2V ~ 6V	2V ~ 6V
Charge Injection	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	16-SOIC	16-SOIC	16-SOP	16-SOIC
Crosstalk	-50dB @ 1MHz	-50dB @ 1MHz	-50dB @ 1MHz	-50dB @ 1MHz
Series	-	-	-	-
Channel-to-Channel Matching (ΔRon)	150hm	150hm	150hm	150hm
-3db Bandwidth	35MHz	35MHz	35MHz	35MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	74HC4052	74HC4051	74HC4052	74HC4052
Number of Circuits	2	1	2	2
Multiplexer/Demultiplexer Circuit	4:1	8:1	4:1	4:1
Channel Capacitance (CS(off), CD(off))	5pF, 45pF	5pF, 90pF	5pF, 45pF	5pF, 45pF
Current - Leakage (IS(off)) (Max)	100nA	100nA	100nA	100nA
Voltage - Supply, Dual (V±)	±2V ~ 6V	±2V ~ 6V	±2V ~ 6V	±2V ~ 6V
On-State Resistance (Max)	1000hm	1000hm	1000hm	1000hm
Switch Time (Ton, Toff) (Max)	41ns, 32ns	41ns, 32ns	41ns, 32ns	41ns, 32ns

MM74HC4052MX Datasheet PDF

Download MM74HC4052MX pdf datasheets and onsemi documentation for MM74HC4052MX - onsemi.

Datasheets



















[MM74HC4051-53.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

Customers Also Interested in

Recommended Products

					
MM74HC4051WMX onsemi IC MUX 8:1 100OHM 16SOIC	MM74HC4052SJX onsemi IC SWITCH SP4T X 2 100OHM 16SOP	MM74HC4052WM Fairchild Semiconductor IC SWITCH SP4T X 2 100OHM 16SOIC	MM74HC4051WM onsemi IC MUX 8:1 100OHM 16SOIC	MM74HC4053MTC onsemi IC SWITCH SP4TX3 100OHM 16TSSOP	MM74HC4052SJ Fairchild Semiconductor IC SWITCH SP4T X 2 100OHM 16SOP
					
MM74HC4052MTC onsemi IC SWITCH SP4TX2 100OHM 16TSSOP	MM74HC4052N onsemi IC SWITCH SP4T X 2 100OHM 16DIP	MM74HC4052SJX Fairchild Semiconductor IC SWITCH SP4T X 2 100OHM 16SOP	MM74HC4051SJX Fairchild Semiconductor IC MUX 8:1 100OHM 16SOP	MM74HC4052MTCX onsemi IC SWITCH SP4TX2 100OHM 16TSSOP	MM74HC4053M onsemi IC SWITCH SPDT X 3 100OHM 16SOIC
					
MM74HC4052SJ onsemi IC SWITCH SP4T X 2 100OHM 16SOP	MM74HC4051MX Fairchild Semiconductor IC MUX 8:1 100OHM 16SOIC	MM74HC4051N onsemi IC MUX 8:1 100OHM 16DIP	MM74HC4051MX onsemi IC MUX 8:1 100OHM 16SOIC	MM74HC4052M onsemi IC SWITCH SP4T X 2 100OHM 16SOIC	MM74HC4051SJX onsemi IC MUX 8:1 100OHM 16SOP

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

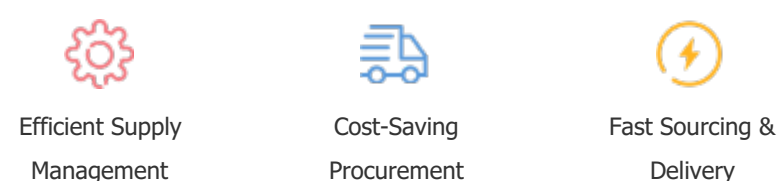
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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