

Image may be representation.  
See specifications for product details.



## HCF4051YM013TR

Manufacturer Part Number	<b>HCF4051YM013TR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-HCF4051YM013TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MUX 8:1 2800HM 16SO
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

HCF4051YM013TR - STMicroelectronics.New Original in Stock. Download Linear Technology HCF4051YM013TR datasheet/specifications on AllelcoElec.com.  
Request a quote for HCF4051YM013TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

HCF4051YM013TR Tech Specifications

HCF4051YM013TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Number of Circuits	1
Voltage - Supply, Single (V+)	3V ~ 20V	Multiplexer/Demultiplexer Circuit	8:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	-	Current - Leakage (IS(off)) (Max)	100nA
Switch Circuit	-	Crosstalk	-40dB @ 3MHz
Supplier Device Package	16-SO	Charge Injection	-
Series	Automotive, AEC-Q100	Channel-to-Channel Matching (ΔRon)	50hm
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	0.2pF, 5pF
Package	Tape & Reel (TR)	Base Product Number	HCF4051
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	60MHz
On-State Resistance (Max)	2800hm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics HCF4051YM013TR

Product Attribute				
Part Number	HCF4051YM013TR	<b>HCF4051M013TR</b>	<b>HCF4051BEY</b>	<b>HCF4052M013TR</b>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Leakage (IS(off)) (Max)	100nA	100nA	100nA	100nA
Supplier Device Package	16-SO	16-SO	16-PDIP	16-SO
Switch Circuit	-	-	-	SP4T
Multiplexer/Demultiplexer Circuit	8:1	8:1	8:1	4:1
Channel-to-Channel Matching (ΔRon)	50hm	50hm	50hm	50hm
Channel Capacitance (CS(off), CD(off))	0.2pF, 5pF	0.2pF, 5pF	0.2pF, 5pF	0.2pF, 5pF
Crosstalk	-40dB @ 3MHz	-40dB @ 3MHz	-40dB @ 3MHz	-40dB @ 10MHz
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Number of Circuits	1	1	1	2
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-DIP (0.300", 7.62mm)	16-SOIC (0.154", 3.90mm Width)
Voltage - Supply, Single (V+)	3V ~ 20V	3V ~ 20V	3V ~ 20V	3V ~ 20V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
On-State Resistance (Max)	2800hm	2800hm	2800hm	2800hm
Charge Injection	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-55°C ~ 125°C (TA)	-55°C ~ 125°C (TA)	-55°C ~ 125°C (TA)
Base Product Number	HCF4051	HCF4051	HCF4051	HCF4052
Voltage - Supply, Dual (V±)	-	-	-	-
Switch Time (Ton, Toff) (Max)	-	-	-	-
Series	Automotive, AEC-Q100	-	-	-
-3db Bandwidth	60MHz	60MHz	60MHz	60MHz

### HCF4051YM013TR Datasheet PDF

Download HCF4051YM013TR pdf datasheets and STMicroelectronics documentation for HCF4051YM013TR - STMicroelectronics.

#### PCN Packaging

[Material Barrier Bag 17/Dec/2020.pdf](#)

[Mult Dev Label Chgs 29/Oct/2020.pdf](#)

#### HTML Datasheet

[Cylindrical Battery Holders.pdf](#)

 2.73KHz.pdf

## Customers Also Interested in

### Recommended Products

	 life.augmented	 life.augmented			 life.augmented
<b>HCF4051M013TR</b> STMicroelectronics IC MUX 8:1 280OHM 16SO	<b>HCF4052M013</b> STMicroelectronics	<b>HCF4050BM1</b> STMicroelectronics	<b>HCF4051BEY</b> STMicroelectronics IC MUX 8:1 280OHM 16DIP	<b>HCF4052M013TR</b> STMicroelectronics IC SWITCH SP4T X 2 280OHM 16SO	<b>HCF4050BT</b> STMicroelectronics
 life.augmented	 life.augmented	 life.augmented	 life.augmented	 life.augmented	 life.augmented
<b>HCF4052BMTR</b> STMicroelectronics	<b>HCF4051BE</b> STMicroelectronics	<b>HCF4052BEYZ5</b> STMicroelectronics	<b>HCF4052BE</b> STMicroelectronics	<b>HCF4052BM</b> STMicroelectronics	<b>HCF4051BT</b> STMicroelectronics
	 life.augmented	 life.augmented		 life.augmented	
<b>HCF4052BEY</b> STMicroelectronics IC SWITCH SP4T X 2 280OHM 16DIP	<b>HCF4051BMTR</b> STMicroelectronics	<b>HCF4051</b> STMicroelectronics	<b>HCF4050M013TR</b> STMicroelectronics IC BUFFER NON-INVERT 20V 16SO	<b>HCF4051M</b> STMicroelectronics	<b>HCF4052</b> Freescale / NXP Semiconductors

## 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

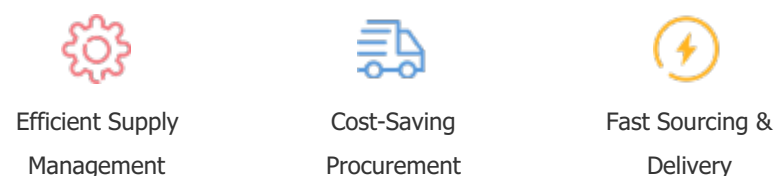
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

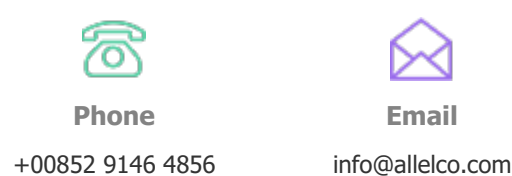
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



View More