



Image may be representation.  
See specifications for product details.



## M74HC14YRM13TR

Manufacturer Part Number	<b>M74HC14YRM13TR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-M74HC14YRM13TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC INVERT SCHMITT 6CH 1-INP 14SO
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	<b>M74HC14.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

M74HC14YRM13TR - STMicroelectronics.New Original in Stock. Download Linear Technology M74HC14YRM13TR datasheet/specifications on AllelcoElec.com.  
Request a quote for M74HC14YRM13TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

M74HC14YRM13TR Tech Specifications  
M74HC14YRM13TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Mounting Type	Surface Mount
Voltage - Supply	2V ~ 6V	Max Propagation Delay @ V, Max CL	21ns @ 6V, 50pF
Supplier Device Package	14-SO	Logic Type	Inverter
Series	Automotive, AEC-Q100, 74HC	Input Logic Level - Low	0.3V ~ 1.5V
Package / Case	14-SOIC (0.154", 3.90mm Width)	Input Logic Level - High	1.5V ~ 4.2V
Package	Tape & Reel (TR)	Features	Schmitt Trigger
Operating Temperature	-40°C ~ 125°C	Current - Quiescent (Max)	1 µA
Number of Inputs	1	Current - Output High, Low	5.2mA, 5.2mA
Number of Circuits	6	Base Product Number	74HC14

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics M74HC14YRM13TR

Product Attribute				
Part Number	M74HC14YRM13TR	M74HC14B1R	M74HC14TTR	M74HC14RM13TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	74HC14	74HC14	74HC14	74HC14
Input Logic Level - High	1.5V ~ 4.2V	1.5V ~ 4.2V	1.5V ~ 4.2V	1.5V ~ 4.2V
Logic Type	Inverter	Inverter	Inverter	Inverter
Features	Schmitt Trigger	Schmitt Trigger	Schmitt Trigger	Schmitt Trigger
Current - Output High, Low	5.2mA, 5.2mA	5.2mA, 5.2mA	5.2mA, 5.2mA	5.2mA, 5.2mA
Input Logic Level - Low	0.3V ~ 1.5V	0.3V ~ 1.5V	0.3V ~ 1.5V	0.3V ~ 1.5V
Max Propagation Delay @ V, Max CL	21ns @ 6V, 50pF	21ns @ 6V, 50pF	21ns @ 6V, 50pF	21ns @ 6V, 50pF
Current - Quiescent (Max)	1 µA	1 µA	1 µA	1 µA
Number of Inputs	1	1	1	1
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Number of Circuits	6	6	6	6
Operating Temperature	-40°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Series	Automotive, AEC-Q100, 74HC	74HC	74HC	74HC
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Supplier Device Package	14-SO	14-DIP	14-TSSOP	14-SO
Voltage - Supply	2V ~ 6V	2V ~ 6V	2V ~ 6V	2V ~ 6V
Package / Case	14-SOIC (0.154", 3.90mm Width)	14-DIP (0.300", 7.62mm)	14-TSSOP (0.173", 4.40mm Width)	14-SOIC (0.154", 3.90mm Width)

### M74HC14YRM13TR Datasheet PDF

Download M74HC14YRM13TR pdf datasheets and STMicroelectronics documentation for M74HC14YRM13TR - STMicroelectronics.

#### PCN Packaging

2.73KHz.pdf

#### PCN Design/Specification

SO8/SO14 Pkg Material Set Chg 10/Jun/2016.pdf

#### HTML Datasheet

M74HC14.pdf

### Customers Also Interested in

## Recommended Products



### M74HC14B1R

STMicroelectronics  
IC INVERT SCHMITT 6CH 1-IN 14DIP



### M74HC151B1R

STMicroelectronics  
IC MULTIPLEXER 1 X 8:1 16DIP



### M74HC148B1

STMicroelectronics



### M74HC14B1

STMicroelectronics



### M74HC14M1R

STMicroelectronics



### M74HC151B1

STMicroelectronics



### M74HC151YTTR

STMicroelectronics  
IC MULTIPLEXER 1 X 8:1 16TSSOP



### M74HC151TTR

STMicroelectronics  
IC MULTIPLEXER 1 X 8:1 16TSSOP



### M74HC153RM13TR

STMicroelectronics  
IC MULTIPLEXER 2 X 4:1 16SO



### M74HC14N

STMicroelectronics



### M74HC14M13TR

STMicroelectronics



### M74HC155RM13TR

STMicroelectronics  
IC DECODER 1 X 2:4 16SO



### M74HC148RM13TR

STMicroelectronics  
IC PRIORITY ENCODER 1 X 8:3 16SO



### M74HC14TTR

STMicroelectronics  
IC INVERTER 6CH 1-INP 14TSSOP



### M74HC14RM13TR

STMicroelectronics  
IC INVERT SCHMITT 6CH 1-INP 14SO



### M74HC14YTTR

STMicroelectronics  
IC INVERTER 6CH 1-INP 14TSSOP



### M74HC139RM13TR

STMicroelectronics  
IC DECODER/DEMUX 1 X 2:4 16SO



### M74HC151RM13TR

STMicroelectronics  
IC MULTIPLEXER 1 X 8:1 16SO

## 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 -



Efficient Supply Management



Cost-Saving Procurement



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Contact us if you have any questions.



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## Certifications & Memberships



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