

Image may be representation.  
See specifications for product details.



## LM4040AIM3-4.1+T

Manufacturer Part Number	<b>LM4040AIM3-4.1+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-LM4040AIM3-4.1+T
ECAD Model	Request Free CAD Models
Parts Description	IC VREF SHUNT 0.1% SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	<b>LM4040 Datasheet.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

LM4040AIM3-4.1+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology LM4040AIM3-4.1+T datasheet/specifications on AllelcoElec.com.  
Request a quote for LM4040AIM3-4.1+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

LM4040AIM3-4.1+T Tech Specifications  
LM4040AIM3-4.1+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Type	Fixed
Voltage - Output (Min/Fixed)	4.096V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input	-	Noise - 10Hz to 10kHz	64µVrms
Tolerance	±0.1%	Noise - 0.1Hz to 10Hz	-
Temperature Coefficient	100ppm/°C	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-3	Current - Supply	-
Series	-	Current - Output	15 mA
Reference Type	Shunt	Current - Cathode	73 µA
Package / Case	TO-236-3, SC-59, SOT-23-3	Base Product Number	LM4040
Package	Tape & Reel (TR)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated LM4040AIM3-4.1+T

Product Attribute				
Part Number	LM4040AIM3-4.1+T	LM4040AIM3-3.0	LM4040AIM3X-10	LM4040AIM3-5.0
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Texas Instruments	Analog Devices Inc./Maxim Integrated
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Bulk
Voltage - Input	-	-	-	-
Current - Supply	-	-	-	-
Noise - 0.1Hz to 10Hz	-	-	-	-
Base Product Number	LM4040	LM4040	LM4040	LM4040
Voltage - Output (Min/Fixed)	4.096V	-	10V	5V
Current - Output	15 mA	-	15 mA	15 mA
Temperature Coefficient	100ppm/°C	-	100ppm/°C	100ppm/°C
Current - Cathode	73 µA	-	103 µA	80 µA
Operating Temperature	-40°C ~ 85°C (TA)	-	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	-	-	-	-
Supplier Device Package	SOT-23-3	SOT-23-3	SOT-23-3	SOT-23-3
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Tolerance	±0.1%	-	±0.1%	±0.1%
Reference Type	Shunt	-	Shunt	Shunt
Noise - 10Hz to 10kHz	64µVrms	-	180µVrms	80µVrms
Output Type	Fixed	-	Fixed	Fixed
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

## LM4040AIM3-4.1+T Datasheet PDF

Download LM4040AIM3-4.1+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for LM4040AIM3-4.1+T - Analog Devices Inc./Maxim Integrated.

### Datasheets

[LM4040 Datasheet.pdf](#)

### Environmental Information


[Maxim Integrated REACH.pdf](#)


[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

[Material Declaration LM4040AIM3-4.1+T.pdf](#)

### Application Notes

 Understanding Voltage-Reference Topologies and Spe.pdf

 Protecting 5V 1-Wire® Slaves from Overvoltage Expo.pdf

## Customers Also Interested in

### Recommended Products



**LM4040AIM3-8.2**



**LM4040AIM3-3.0**

Analog Devices Inc./Maxim Integrated  
IC VREF SHUNT PREC 3V SOT-23-3



**LM4040AIM3X-10**

Texas Instruments  
IC VREF SHUNT 0.1% SOT23-3



**LM4040AIM3-5.0**

Analog Devices Inc./Maxim Integrated  
IC VREF SHUNT 0.1% SOT23-3



**LM4040AIM3-5.0**

Texas Instruments  
IC VREF SHUNT 0.1% SOT23-3



**LM4040AIM3X-1.2**

Texas Instruments



**LM4040AIM3-2.5**

Texas Instruments  
IC VREF SHUNT 0.1% SOT23-3



**LM4040AIM3-3.0**

Texas Instruments  
IC VREF SHUNT 0.1% SOT23-3



**LM4040AIM3-5.0+T**

Analog Devices Inc./Maxim Integrated  
IC VREF SHUNT 0.1% SOT23-3



**LM4040AIM3-3.0+**

Analog Devices Inc./Maxim Integrated  
IC VREF SHUNT 0.1% SOT23-3



**LM4040AIM3X-2.0**

Texas Instruments  
IC VREF SHUNT 0.1% SOT23-3



**LM4040AIM3-4.1**

Analog Devices Inc./Maxim Integrated  
IC VREF SHUNT 0.1% SOT23-3



**LM4040AIM3-2.5+T**

Analog Devices Inc./Maxim Integrated  
IC VREF SHUNT 0.1% SOT23-3



**LM4040AIM3-3.0+T**

Analog Devices Inc./Maxim Integrated  
IC VREF SHUNT 0.1% SOT23-3



**LM4040AIM3-2.1+T**

Analog Devices Inc./Maxim Integrated  
IC VREF SHUNT 2.048V SOT23



**LM4040AIM3-2.5**

Analog Devices Inc./Maxim Integrated  
IC VREF SHUNT 0.1% SOT23-3



**LM4040AIM3-4.1**

Texas Instruments  
IC VREF SHUNT 0.1% SOT23-3



**LM4040AIM3X-10.0**

Texas Instruments

## 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 -



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Management



Cost-Saving  
Procurement



Fast Sourcing &  
Delivery

**Contact us if you have any questions.**



Phone  
+00852 9146 4856



Email  
info@allelco.com

## Certifications & Memberships



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