

Image may be representation.  
See specifications for product details.



## MMA7455LT

Manufacturer Part Number	<b>MMA7455LT</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MMA7455LT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	ACCELEROMETER 2-8G I2C/SPI 14LGA
Package	14-TFLGA
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

MMA7455LT - NXP USA Inc..New Original in Stock. Download Linear Technology MMA7455LT datasheet/specifications on AllelcoElec.com.  
Request a quote for MMA7455LT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MMA7455LT Tech Specifications  
MMA7455LT - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Output Type	I <sup>2</sup> C, SPI
Voltage - Supply	2.4V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Type	Digital	Mounting Type	Surface Mount
Supplier Device Package	14-LGA (3x5)	Features	Adjustable Bandwidth, Selectable Scale
Series	-	Base Product Number	MMA74
Sensitivity (mV/g)	-	Bandwidth	62.5Hz ~ 125Hz
Sensitivity (LSB/g)	64 (±2g) ~ 16 (±8g)	Axis	X, Y, Z
Package / Case	14-TFLGA	Acceleration Range	±2g, 4g, 8g
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MMA7455LT

Product Attribute				
Part Number	MMA7455LT	MMA7660FCT	MMA7456LT	MMA7660FCR1
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Base Product Number	MMA74	MMA76	MMA74	MMA76
Features	Adjustable Bandwidth, Selectable Scale	Adjustable Bandwidth, Sleep Mode	Adjustable Bandwidth, Selectable Scale	Adjustable Bandwidth, Sleep Mode
Bandwidth	62.5Hz ~ 125Hz	-	62.5Hz ~ 125Hz	-
Voltage - Supply	2.4V ~ 3.6V	2.4V ~ 3.6V	2.4V ~ 3.6V	2.4V ~ 3.6V
Acceleration Range	±2g, 4g, 8g	±1.5g	±2g, 4g, 8g	±1.5g
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Output Type	I <sup>2</sup> C, SPI	I <sup>2</sup> C	I <sup>2</sup> C, SPI	I <sup>2</sup> C
Type	Digital	Digital	Digital	Digital
Supplier Device Package	14-LGA (3x5)	228-LFBGA (12x12)	14-LGA (3x5)	228-LFBGA (12x12)
Sensitivity (mV/g)	-	-	-	-
Axis	X, Y, Z	X, Y, Z	X, Y, Z	X, Y, Z
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Sensitivity (LSB/g)	64 (±2g) ~ 16 (±8g)	21.33	64 (±2g) ~ 16 (±8g)	21.33
Package	Tray	Tray	Tray	Tape & Reel (TR)
Package / Case	14-TFLGA	228-LFBGA	14-TFLGA	228-LFBGA

### MMA7455LT Datasheet PDF

Download MMA7455LT pdf datasheets and NXP USA Inc. documentation for MMA7455LT - NXP USA Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

[2.73KHz.pdf](#)

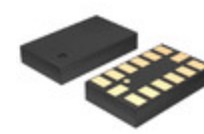
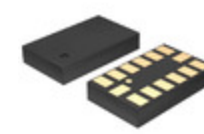
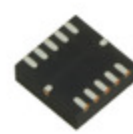
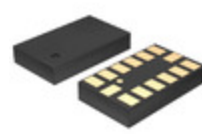
#### Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)

### Customers Also Interested in

#### Recommended Products



### MMA7660FCT

NXP USA Inc.  
ACCELEROMETER 1.5G I2C 10DFN

### MMA7660

Freescal / NXP Semiconductors

### MMA7456LT

NXP USA Inc.  
ACCELEROMETER 2-8G I2C/SPI 14LGA

### MMA7660FCR1

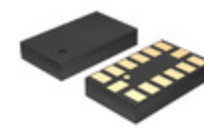
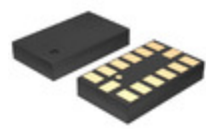
NXP USA Inc.  
ACCELEROMETER 1.5G I2C 10DFN

### MMA7456LR1

NXP USA Inc.  
ACCELEROMETER 2-8G I2C/SPI 14LGA

### MMA7455LR1

NXP USA Inc.  
ACCELEROMETER 2-8G I2C/SPI 14LGA



### MMA7360LR2

Freescal Semiconductor  
MMA7360, THREE AXIS LOW-G MICRO

### MMA7340LT

NXP USA Inc.  
ACCELEROMETER 3-11G ANALOG 14LGA

### MMA7660FCR

Freescal / NXP Semiconductors

### MMA7660FCRA

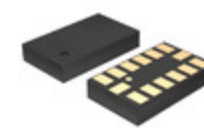
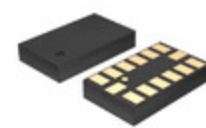
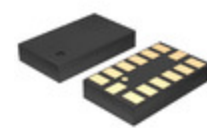
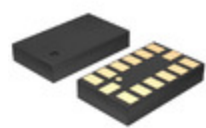
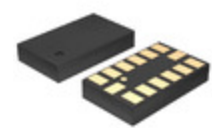
FREECISA

### MMA7660FC

FREECAL

### MMA7361LCT

NXP USA Inc.  
ACCEL 1.5-6G ANALOG 14LGA



### MMA7361LCR1

NXP USA Inc.  
ACCEL 1.5-6G ANALOG 14LGA

### MMA7360LT

NXP USA Inc.  
ACCEL 1.5-6G ANALOG 14LGA

### MMA7368LR2

NXP USA Inc.  
ACCELEROMETER 1.5G ANALOG 14LGA

### MMA7360LR2

NXP USA Inc.  
ACCEL 1.5-6G ANALOG 14LGA

### MMA7361LT

NXP USA Inc.  
ACCEL 1.5-6G ANALOG 14LGA

### MMA8450QR1

NXP USA Inc.  
ACCELEROMETER 2-8G I2C 16QFN

## 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

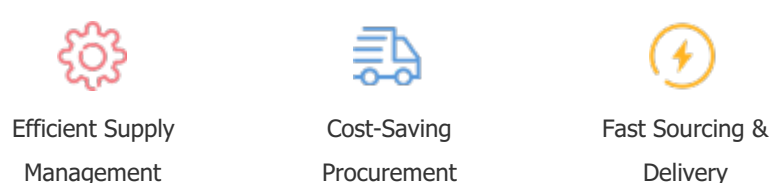
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

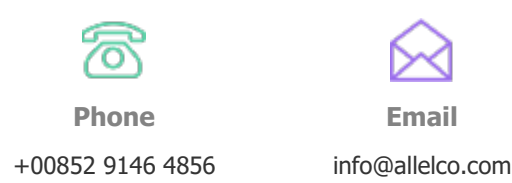
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



View More



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