

Image may be representation.
See specifications for product details.



H3LIS331DLTR

Manufacturer Part Number	H3LIS331DLTR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-H3LIS331DLTR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	ACCEL 100-400G I2C/SPI 16TFLGA
Package	16-VFLGA
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

H3LIS331DLTR - STMicroelectronics.New Original in Stock. Download Linear Technology H3LIS331DLTR datasheet/specifications on AllelcoElec.com.
Request a quote for H3LIS331DLTR, please send us email: info@allelco.com

Specifications

H3LIS331DLTR Tech Specifications

H3LIS331DLTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	I ² C, SPI
Voltage - Supply	2.16V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Type	Digital	Mounting Type	Surface Mount
Supplier Device Package	16-TFLGA (3x3)	Features	Adjustable Bandwidth, Selectable Scale, Sleep Mode
Series	-	Base Product Number	H3LIS331
Sensitivity (mV/g)	-	Bandwidth	25Hz ~ 500Hz
Sensitivity (LSB/g)	20 (±100g) ~ 5 (±400g)	Axis	X, Y, Z
Package / Case	16-VFLGA	Acceleration Range	±100g, ±200g, ±400g
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics H3LIS331DLTR

Product Attribute				
Part Number	H3LIS331DLTR	ADXL325BCPZ	MMA5248LVWR2	LIS2L06ALTR
Manufacturer	STMicroelectronics	Analog Devices Inc.	NXP USA Inc.	STMicroelectronics
Series	-	-	MMA	-
Base Product Number	H3LIS331	ADXL325	MMA52	LIS2L
Type	Digital	Analog	-	Analog
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Sensitivity (LSB/g)	20 (±100g) ~ 5 (±400g)	-	-	-
Bandwidth	25Hz ~ 500Hz	1.6kHz (X,Y), 550Hz (Z)	-	2kHz
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-	-40°C ~ 85°C (TA)
Axis	X, Y, Z	X, Y, Z	-	X, Y
Features	Adjustable Bandwidth, Selectable Scale, Sleep Mode	Adjustable Bandwidth	-	Adjustable Bandwidth, Selectable Scale
Package	Tape & Reel (TR)	Tray	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	16-TFLGA (3x3)	16-LFCSP-LQ (4x4)	-	8-LGA
Acceleration Range	±100g, ±200g, ±400g	±5g	-	±2g, 6g
Voltage - Supply	2.16V ~ 3.6V	1.8V ~ 3.6V	-	2.4V ~ 5.25V
Output Type	I ² C, SPI	Analog Voltage	-	Analog Voltage
Package / Case	16-VFLGA	16-LQFN Exposed Pad, CSP	-	8-LLGA
Sensitivity (mV/g)	-	174	-	660 (±2g) ~ 220 (±6g)

H3LIS331DLTR Datasheet PDF

Download H3LIS331DLTR .pdf datasheets and STMicroelectronics documentation for H3LIS331DLTR - STMicroelectronics.

PCN Packaging

Box Label Chg 28/Jul/2016.pdf	Material Barrier Bag 17/Dec/2020.pdf
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PCN Assembly/Origin

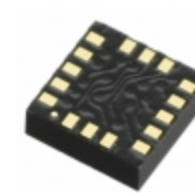
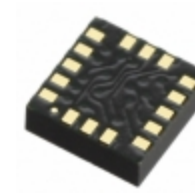
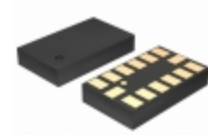
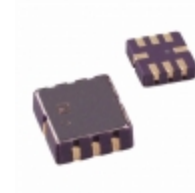
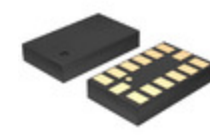
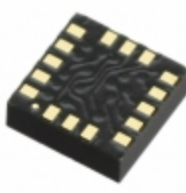
2.73KHz.pdf

HTML Datasheet

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

**ADXL325BCPZ**Analog Devices Inc.
ACCELEROMETER 5G ANALOG
16LFCSP**MMA5248LVWR2**NXP USA Inc.
ACCELEROMETER PS15 16QFN**LIS2L06ALTR**STMicroelectronics
ACCELEROMETER 2-6G ANALOG
8LGA**MMA5224LVWR2**NXP USA Inc.
ACCELEROMETER PS15 16QFN**FXLN8361QR1**NXP USA Inc.
ACCELEROMETER 2-8G ANALOG
12QFN**LIS332AR**STMicroelectronics
ACCELEROMETER 2G ANALOG 16LGA**LIS3L02AQ-TR**STMicroelectronics
ACCELEROMETER 2-6G ANALOG
44QFN**ADXL345BCCZ-RL**Analog Devices Inc.
ACCEL 2-16G I2C/SPI 14LGA**MMA6260QR2**NXP USA Inc.
ACCELEROMETER 1.5G ANALOG
16QFN**3038-0500**TE Connectivity Measurement
Specialties
ACCEL 500G ANALOG HERMETIC LCC**MMA9555LR1**NXP USA Inc.
ACCELEROMETER 2-8G I2C/SPI
16LGA**H3LIS100DLTR**STMicroelectronics
ACCELEROMETER 100G I2C/SPI
16LGA**MMA8452QT**NXP USA Inc.
ACCELEROMETER 2-8G I2C 16QFN**LIS3L02AQ3**STMicroelectronics
ACCELEROMETER 2-6G ANALOG
44QFN**LIS33DE**STMicroelectronics
ACCEL 2.3-9.2G I2C/SPI 16LGA**MMA7455LR1**NXP USA Inc.
ACCELEROMETER 2-8G I2C/SPI
14LGA**AD22284-A**Analog Devices Inc.
ACCELEROMETER 35G ANALOG
8CLCC**H3LIS331DL**STMicroelectronics
ACCEL 100-400G I2C/SPI 16TFLGA

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

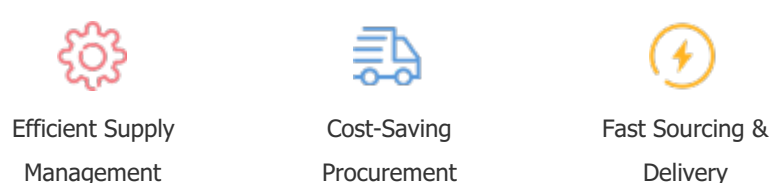
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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