

Image may be representation.
See specifications for product details.

LC898301AXA-MH

Manufacturer Part Number **LC898301AXA-MH**

Manufacturer **onsemi**

Allelco Part Number 32D-LC898301AXA-MH

ECAD Model Request Free CAD Models

Parts Description **IC MOTOR DRIVER 3V-5.5V 8WLCSP**

Package **8-UFBGA, WLCSP**

Data sheet [LC898301AXA-MH.pdf](#)

RoHs Status **ROHS3 Compliant**

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LC898301AXA-MH - onsemi.New Original in Stock. Download Linear Technology LC898301AXA-MH datasheet/specifications on AllelcoElec.com.
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Specifications

LC898301AXA-MH Tech Specifications

LC898301AXA-MH - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-30°C ~ 85°C (TA)
Voltage - Supply	3V ~ 5.5V	Mounting Type	Surface Mount
Voltage - Load	0V ~ 5.5V	Motor Type - Stepper	-
Technology	CMOS	Motor Type - AC, DC	LRA
Supplier Device Package	8-WLCSP (0.78x1.58)	Interface	I ² C
Step Resolution	-	Function	Driver - Fully Integrated, Control and Power Stage
Series	-	Current - Output	200mA
Package / Case	8-UFBGA, WLCSP	Base Product Number	LC898301
Package	Tape & Reel (TR)	Applications	Haptic Feedback
Output Configuration	Half Bridge (2)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi LC898301AXA-MH

Product Attribute				
Part Number	LC898301AXA-MH	LC898212AXB-SH	LC898300XA-MH	LC898128DP1XGTBG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Motor Type - Stepper	-	-	-	Bipolar
Base Product Number	LC898301	LC898212	LC898300	LC898128
Series	-	-	-	-
Applications	Haptic Feedback	-	Haptic Feedback	General Purpose
Technology	CMOS	-	CMOS	-
Package / Case	8-UFBGA, WLCSP	-	9-UFBGA, WLCSP	30-XFBGA, WLCSP
Motor Type - AC, DC	LRA	-	LRA	Brushed DC
Operating Temperature	-30°C ~ 85°C (TA)	-	-30°C ~ 85°C (TA)	-30°C ~ 85°C
Interface	I ² C	-	I ² C, Parallel	SPI
Current - Output	200mA	-	150mA	200mA
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Voltage - Supply	3V ~ 5.5V	-	2.7V ~ 3.3V	2.7V ~ 3.3V
Output Configuration	Half Bridge (2)	-	Half Bridge (2)	Half Bridge
Supplier Device Package	8-WLCSP (0.78x1.58)	-	9-WLP (1.39x1.21)	30-WLCSP (1.18x4.3)
Step Resolution	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Load	0V ~ 5.5V	-	2.7V ~ 3.3V	1.8V ~ 3.3V
Function	Driver - Fully Integrated, Control and Power Stage	-	Driver - Fully Integrated, Control and Power Stage	Driver

LC898301AXA-MH Datasheet PDF

Download LC898301AXA-MH pdf datasheets and onsemi documentation for LC898301AXA-MH - onsemi.

Environmental Information

[onsemi RoHS.pdf](#)

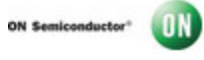
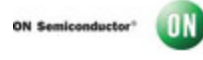
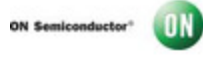

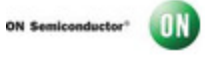


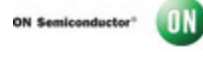




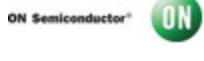


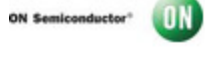
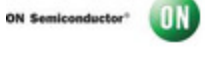


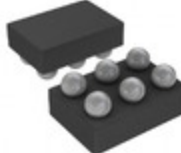


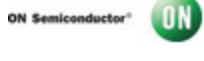


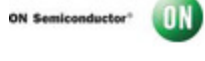
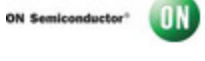

[Material Declaration LC898301AXA-MH.pdf](#)

PCN Packaging

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products

 LC898212AXB-SH onsemi IC MOTOR DVR AF	 LC898300XA-MH onsemi IC MOTOR DRIVER 2.7V-3.3V 9WLP	 LC89950 AMI Semiconductor/onsemi	 LC89904V-TE-L AMI Semiconductor/onsemi	 LC898128DP1XGTBG onsemi IC MOTOR DVR OIS AF 30WLCSP	 LC89962 AMI Semiconductor/onsemi
					
 LC898212XD-SH onsemi IC MOTOR DRIVER 2.6V-3.6V 12WLP	 LC89901V-TE-R AMI Semiconductor/onsemi	 LC8991 AMI Semiconductor/onsemi	 LC898214XD-MH onsemi IC MOTOR DRIVER 2.6V-3.6V 8WLCSP	 LC898200A-TBM-H onsemi IC MOTOR DVR IRIS/AF/ZOOM	 LC89960 AMI Semiconductor/onsemi
					
 LC898201TA-NH onsemi IC MTR DRV BIPLR 2.7-3.6V 64TQFP	 LC898301XA-MH onsemi IC MOTOR DRIVER 3V-5.5V 8WLCSP	 LC898302AXA-MH onsemi IC MOTOR DRIVER 2.7V-4.5V 6WLCSP	 LC898217XH-MH onsemi IC MOTOR DVR AF CTRL	 LC898212XC-MH onsemi IC MOTOR DRIVER 2.6V-3.6V 12WLP	 LC898214XC-MH onsemi IC MOTOR DRIVER 2.6V-3.6V 8WLCSP

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.



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