



LV8414CS-N-TE-L-H

Manufacturer Part Number	LV8414CS-N-TE-L-H
Manufacturer	onsemi
Allelco Part Number	32D-LV8414CS-N-TE-L-H
ECAD Model	Request Free CAD Models
Parts Description	IC MTR DRV BIPLR 2.5-5.5V 32WLPK
Package	32-UFBGA, WLCSP
Data sheet	LV8414CS-N-TE-L-H.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

LV8414CS-N-TE-L-H - onsemi.New Original in Stock. Download Linear Technology LV8414CS-N-TE-L-H datasheet/specifications on AllelcoElec.com.
Request a quote for LV8414CS-N-TE-L-H, please send us email: info@allelco.com

Specifications

LV8414CS-N-TE-L-H Tech Specifications
LV8414CS-N-TE-L-H - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-30°C ~ 85°C (TA)
Voltage - Supply	2.5V ~ 5.5V	Mounting Type	Surface Mount
Voltage - Load	2.5V ~ 5.5V	Motor Type - Stepper	Bipolar
Technology	Bi-CMOS	Motor Type - AC, DC	-
Supplier Device Package	32-WLPK (2.47x2.47)	Interface	I ² C
Step Resolution	1, 1/2, 1/256	Function	Driver - Fully Integrated, Control and Power Stage
Series	-	Current - Output	400mA
Package / Case	32-UFBGA, WLCSP	Base Product Number	LV8414
Package	Tape & Reel (TR)	Applications	Camera
Output Configuration	Half Bridge (8)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi LV8414CS-N-TE-L-H

Product Attribute				
Part Number	LV8414CS-N-TE-L-H	LV8411GR-TE-L-E	LV8402GP-TE-L-H	LV8402V-MPB-E
Manufacturer	onsemi	onsemi	onsemi	onsemi
Function	Driver - Fully Integrated, Control and Power Stage	-	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage
Output Configuration	Half Bridge (8)	-	Half Bridge (4)	Half Bridge (4)
Package	Tape & Reel (TR)	Cut Tape (CT)	Tape & Reel (TR)	Tube
Series	-	*	-	-
Supplier Device Package	32-WLPK (2.47x2.47)	-	24-VCT (3.5x3.5)	16-SSOP
Package / Case	32-UFBGA, WLCSP	-	24-WFQFN	16-LSSOP (0.173', 4.40mm Width)
Motor Type - AC, DC	-	-	Brushed DC	Brushed DC
Interface	I ² C	-	Parallel	Parallel
Applications	Camera	-	General Purpose	General Purpose
Current - Output	400mA	-	1.4A	1.4A
Step Resolution	1, 1/2, 1/256	-	-	-
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Voltage - Load	2.5V ~ 5.5V	-	1.5V ~ 15V	1.5V ~ 15V
Technology	Bi-CMOS	-	Bi-CMOS	Bi-CMOS
Motor Type - Stepper	Bipolar	-	-	-
Base Product Number	LV8414	LV8411	LV8402	LV8402
Operating Temperature	-30°C ~ 85°C (TA)	-	-30°C ~ 85°C (TA)	-20°C ~ 85°C (TA)
Voltage - Supply	2.5V ~ 5.5V	-	2.8V ~ 5.5V	2.8V ~ 5.5V

LV8414CS-N-TE-L-H Datasheet PDF

Download LV8414CS-N-TE-L-H pdf datasheets and onsemi documentation for LV8414CS-N-TE-L-H - onsemi.

Environmental Information

onsemi RoHS.pdf

onsemi REACH.pdf

Material Declaration LV8414CS-N-TE-L-H.pdf

PCN Obsolescence/ EOL

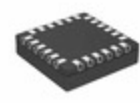
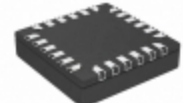















Cylindrical Battery Holders.pdf

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

Recommended Products

					
LV8411GR-TE-L-E onsemi IC MTR DRVR BIPLR 2.5-5.5V 24VCT	LV8402GP-TE-L-H onsemi IC MOTOR DRIVER 2.8V-5.5V 24VCT	LV8415CB-TE-L-H onsemi IC HALF BRIDGE DRVR 350MA 32WLP	LV8402V-MPB-E onsemi IC MOTOR DRIVER 2.8V-5.5V 16SSOP	LV8404T-TLM-E onsemi IC MOTOR DRIVER	LV8498CT-TE-L-H onsemi IC MOTOR DRIVER 2.2V-5V 6WLP
					
LV8406T-TLM-E onsemi IC MOTOR DRVR 2.8V-5.5V 20TSSOP	LV8548M-TLM-H onsemi FORWARD/REVERSE MOTOR DRIVER	LV8406T-MPB-E onsemi IC MOTOR DRVR 2.8V-5.5V 20TSSOP	LV8414CS-TE-L-H onsemi IC MTR DRV BIPLR 2.5-5.5V 32WLPJ	LV8548MC-AH onsemi IC HALF BRIDGE DRIVER 1A 10SOIC	LV8413GP-TE-L-H onsemi IC MTR DRVR BIPLR 2.5-5.5V 16VCT
					
LV8481CS-TE-L-H onsemi IC MTR DRVR BIPLR 2.4-4.5V 10WLP	LV8411GR-TE-L-E Fairchild Semiconductor FOUR-CHANNEL SINGLE-CHIP MOTOR D	LV8548MCZ-AH onsemi IC HALF BRIDGE DRIVER 1A 10SOIC	LV8417CS-TE-L-H onsemi IC MOTOR DRIVER 2.7V-5.5V 9WLP	LV8483CS-TE-L-H onsemi IC MOTOR DRIVER 2.5V-4.5V 10WLP	LV8405V-TLM-E onsemi IC MOTOR DRIVER 2.8V-5.5V 16SSOP

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

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.

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

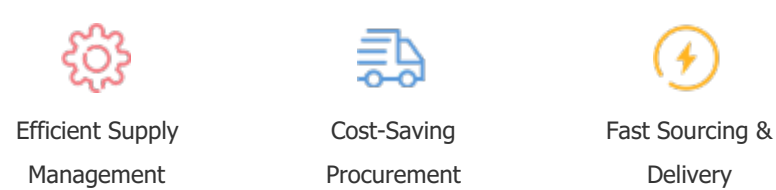
Payment Support

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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