



Image may be representation.
See specifications for product details.



LV8907UWR2G

Manufacturer Part Number	LV8907UWR2G
Manufacturer	onsemi
Allelco Part Number	32D-LV8907UWR2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MOTOR DRIVER 5.5V-20V 48SQFP
Package	48-LQFP Exposed Pad
Data sheet	LV8907UW Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LV8907UWR2G - onsemi.New Original in Stock. Download Linear Technology LV8907UWR2G datasheet/specifications on AllelcoElec.com.
Request a quote for LV8907UWR2G, please send us email: info@allelco.com

Specifications

LV8907UWR2G Tech Specifications

LV8907UWR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	5.5V ~ 20V	Mounting Type	Surface Mount
Voltage - Load	-	Motor Type - Stepper	-
Technology	NMOS	Motor Type - AC, DC	Brushless DC (BLDC)
Supplier Device Package	48-SQFP (7x7)	Interface	SPI
Step Resolution	-	Function	Controller - Commutation, Direction Management
Series	Automotive, AEC-Q100	Current - Output	-
Package / Case	48-LQFP Exposed Pad	Base Product Number	LV8907
Package	Tape & Reel (TR)	Applications	Automotive
Output Configuration	Pre-Driver - Half Bridge (3)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi LV8907UWR2G

Product Attribute				
Part Number	LV8907UWR2G	LV8805SV-TLM-H	LV8761V-TLM-E	LV8824QA-NH
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Supply	5.5V ~ 20V	6V ~ 15V	3V ~ 5.5V	7V ~ 33V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Current - Output	-	1.2A	3A	50mA
Interface	SPI	PWM	Parallel	Parallel, PWM
Supplier Device Package	48-SQFP (7x7)	20-SSOPJ	36-SSOPJ	32-VQFN (5x5)
Motor Type - Stepper	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Load	-	6V ~ 15V	9V ~ 35V	-
Technology	NMOS	Bi-CMOS	Bi-CMOS	Bi-CMOS
Applications	Automotive	Fan Motor Driver	General Purpose	General Purpose
Function	Controller - Commutation, Direction Management	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage	Controller - Commutation, Direction Management
Step Resolution	-	-	-	-
Package / Case	48-LQFP Exposed Pad	20-LFSOP (0.173", 4.40mm Width)	36-LSOP (0.220", 5.60mm Width) Exposed Pad	32-WFQFN Exposed Pad
Output Configuration	Pre-Driver - Half Bridge (3)	Half Bridge (3)	Half Bridge (2)	Pre-Driver - Half Bridge (3)
Series	Automotive, AEC-Q100	-	-	-
Motor Type - AC, DC	Brushless DC (BLDC)	Brushless DC (BLDC)	Brushed DC	Brushless DC (BLDC)
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 95°C (TA)	-20°C ~ 85°C (TA)	-40°C ~ 105°C (TA)
Base Product Number	LV8907	LV8805	LV8761	LV8824

LV8907UWR2G Datasheet PDF

Download LV8907UWR2G pdf datasheets and onsemi documentation for LV8907UWR2G - onsemi.

Datasheets

[LV8907UW Datasheet.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)






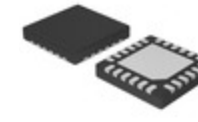
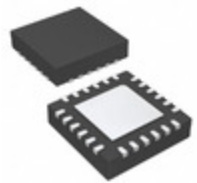











[Material Declaration LV8907UWR2G.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products

					
LV8805SV-TLM-H onsemi IC MOTOR DRIVER 6V-15V 20SSOP	LV8761V-TLM-E onsemi MOTOR DRIVER, H-BRIDGE, FORWARD	LV8824QA-NH onsemi IC MOTOR DRIVER 7V-33V 32VQFN	LV8800V-MPB-H onsemi IC MOTOR DRIVER 2.2V-6V 16SSOP	LV8762T-TLM-H onsemi IC MOTOR DRIVER 0V-5.5V 24TSSOP	LV8829LFQA-NH onsemi IC MOTOR DRIVER 8V-35V 24VQFN
					
LV8827LFQA-NH onsemi IC MOTOR DRIVER 8V-35V 24VQFN	LV8804FV-TRM-H onsemi IC MOTOR DRIVER 6V-15V 20SSOP	LV8804V-TLM-H onsemi IC MOTOR DRIVER 6V-15V 36SSOPJ	LV8860V-TLM-H Sanyo SINGLE-PHASE FULL-WAVE FAN MOTOR	LV8814J-AH onsemi IC MOTOR DVR PWM 3PH 20SSOP	LV8810J-AH onsemi IC MOTOR DRIVER
					
LV8772-E onsemi IC MTR DRV BIPOLAR 0-5.5V 28HDIP	LV8961HUWR2G onsemi AUTOMOTIVE THREE-PHASE BLDC PRE	LV8850GA-AH onsemi IC MOTOR DRIVER 4V-16V 36TSSOP	LV8800V-TLM-H onsemi IC MOTOR DRIVER 2.2V-6V 16SSOP	LV8805V-TLM-H onsemi IC MOTOR DRIVER 6V-15V 36SSOPJ	LV8804FV-TLM-H onsemi IC MOTOR DRIVER 6V-15V 20SSOP

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 -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
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Certifications & Memberships



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