

Image may be representation.
See specifications for product details.



L6208QTR

Manufacturer Part Number	L6208QTR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L6208QTR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MTR DRVR BIPOLAR 8-52V 48QFN
Package	48-VFQFN Exposed Pad
Data sheet	L6208Q.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L6208QTR - STMicroelectronics.New Original in Stock. Download Linear Technology L6208QTR datasheet/specifications on AllelcoElec.com.
Request a quote for L6208QTR, please send us email: info@allelco.com

Specifications

L6208QTR Tech Specifications

L6208QTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-25°C ~ 125°C (TJ)
Voltage - Supply	8V ~ 52V	Mounting Type	Surface Mount
Voltage - Load	8V ~ 52V	Motor Type - Stepper	Bipolar
Technology	DMOS	Motor Type - AC, DC	-
Supplier Device Package	48-QFN (7x7)	Interface	Parallel
Step Resolution	1, 1/2	Function	Driver - Fully Integrated, Control and Power Stage
Series	STSPIN L62	Current - Output	2.5A
Package / Case	48-VFQFN Exposed Pad	Base Product Number	L6208
Package	Tape & Reel (TR)	Applications	General Purpose
Output Configuration	Half Bridge (4)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L6208QTR

Product Attribute				
Part Number	L6208QTR	L6219DS	L6208PD	L6219DSA
Manufacturer	STMicroelectronics	Allegro MicroSystems	STMicroelectronics	STMicroelectronics
Interface	Parallel	Parallel	Parallel	Parallel
Motor Type - Stepper	Bipolar	Bipolar	Bipolar	Bipolar
Step Resolution	1, 1/2	1, 1/2	1, 1/2	1, 1/2
Technology	DMOS	Power MOSFET	DMOS	-
Package	Tape & Reel (TR)	Tube	Tube	Tube
Current - Output	2.5A	750mA	2.8A	750mA
Series	STSPIN L62	-	STSPIN L62	-
Base Product Number	L6208	L6219	L6208	L6219
Function	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Motor Type - AC, DC	-	Brushed DC	-	Brushed DC
Operating Temperature	-25°C ~ 125°C (TJ)	-20°C ~ 150°C (TJ)	-25°C ~ 125°C (TJ)	-40°C ~ 150°C (TJ)
Supplier Device Package	48-QFN (7x7)	24-SOIC	PowerSO-36	24-SO
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	48-VFQFN Exposed Pad	24-SOIC (0.295", 7.50mm Width)	36-BSSOP (0.433", 11.00mm Width) Exposed Pad	24-SOIC (0.295", 7.50mm Width)
Voltage - Supply	8V ~ 52V	4.75V ~ 5.25V	8V ~ 52V	4.75V ~ 5.25V
Output Configuration	Half Bridge (4)	Half Bridge (4)	Half Bridge (4)	Half Bridge (4)
Voltage - Load	8V ~ 52V	10V ~ 45V	8V ~ 52V	10V ~ 46V

L6208QTR Datasheet PDF

Download L6208QTR pdf datasheets and STMicroelectronics documentation for L6208QTR - STMicroelectronics.

PCN Packaging

Material Barrier Bag 17/Dec/2020.pdf

CRP/14/8400 20/Mar/2014.pdf

HTML Datasheet

L6208Q.pdf

Customers Also Interested in

Recommended Products



L6207Q

STMicroelectronics
IC HALF BRIDGE DRV 2.5A
48VFQFPN



L6209D013TR

STMicroelectronics



L6219DS013TR

STMicroelectronics



L6207PD

STMicroelectronics
IC HALF BRIDG DRV 2.8A
36POWERSO



L6207PD013TR

STMicroelectronics
IC HALF BRIDG DRV 2.8A
36POWERSO



L6219DS-5B

STMicroelectronics



L6219DS

Allegro MicroSystems
IC MOTOR DRIVER BIPOLAR 24SOIC



L6208N-1LF

STMicroelectronics



L6208PD013TR

STMicroelectronics
IC MTR DRV BIPOLAR 8-52V
36PWRSO



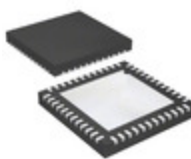
L6208PD

STMicroelectronics
IC MTR DRV BIPOLAR 8-52V
36PWRSO



L6219DS013T

STMicroelectronics



L6208Q

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IC MTR DRVR BIPOLAR 8-52V 48QFN



L6219 REV5.1

STM



L6219D

Allegro MicroSystems



L6208D013TR

STMicroelectronics
IC MTR DRVR BIPOLAR 8V-52V 24SO



L6219DSA

STMicroelectronics
IC MTR DRV BIPLR 4.75-5.25V 24SO



L6208N

STMicroelectronics
IC MTR DRVR BIPLR 8-52V
24PWRDIP



L6208D

STMicroelectronics
IC MTR DRVR BIPOLAR 8V-52V 24SO

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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Email

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Certifications & Memberships



View More



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