

Image may be representation.
See specifications for product details.



L6386AD

Manufacturer Part Number	L6386AD
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L6386AD
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC GATE DRVR HALF-BRIDGE 14SO
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	L6386AD.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L6386AD - STMicroelectronics.New Original in Stock. Download Linear Technology L6386AD datasheet/specifications on AllelcoElec.com.
Request a quote for L6386AD, please send us email: info@allelco.com

Specifications

L6386AD Tech Specifications
L6386AD - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Mounting Type	Surface Mount
Voltage - Supply	17V (Max)	Logic Voltage - VIL, VIH	1.5V, 3.6V
Supplier Device Package	14-SO	Input Type	Inverting
Series	-	High Side Voltage - Max (Bootstrap)	600 V
Rise / Fall Time (Typ)	50ns, 30ns	Gate Type	IGBT, N-Channel MOSFET
Package / Case	14-SOIC (0.154", 3.90mm Width)	Driven Configuration	Half-Bridge
Package	Tube	Current - Peak Output (Source, Sink)	400mA, 650mA
Operating Temperature	-40°C ~ 150°C (TJ)	Channel Type	Independent
Number of Drivers	2	Base Product Number	L6386

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L6386AD

Product Attribute				
Part Number	L6386AD	L6386ADTR	L6385ED	L6385D013TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Peak Output (Source, Sink)	400mA, 650mA	400mA, 650mA	400mA, 650mA	400mA, 650mA
Series	-	-	-	-
Voltage - Supply	17V (Max)	17V (Max)	17V (Max)	17V (Max)
Gate Type	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET
Channel Type	Independent	Independent	Independent	Independent
Logic Voltage - VIL, VIH	1.5V, 3.6V	1.5V, 3.6V	1.5V, 3.6V	1.5V, 3.6V
Base Product Number	L6386	L6386	L6385	L6385
Package / Case	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Rise / Fall Time (Typ)	50ns, 30ns	50ns, 30ns	50ns, 30ns	50ns, 30ns
Number of Drivers	2	2	2	2
High Side Voltage - Max (Bootstrap)	600 V	600 V	600 V	600 V
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Input Type	Inverting	Inverting	Inverting	Inverting
Supplier Device Package	14-SO	14-SO	8-SOIC	8-SOIC
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Driven Configuration	Half-Bridge	Half-Bridge	Half-Bridge	Half-Bridge

L6386AD Datasheet PDF

Download L6386AD pdf datasheets and STMicroelectronics documentation for L6386AD - STMicroelectronics.

PCN Packaging

[Moisture Barrier Bag 09/May/2016.pdf](#)

[Material Barrier Bag 17/Dec/2020.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)


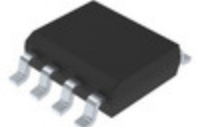
















PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

					
L6386ADTR STMicroelectronics IC GATE DRVR HALF-BRIDGE 14SO	L6385ED STMicroelectronics IC GATE DRVR HALF-BRIDGE 8SO	L6385D013TR STMicroelectronics IC GATE DRVR HALF-BRIDGE 8SO	L6384ED STMicroelectronics IC GATE DRVR HALF-BRIDGE 8SO	L6386D STMicroelectronics IC GATE DRVR HALF-BRIDGE 14SO	L6386-PLF STMicroelectronics
					
L6384ED013TR STMicroelectronics IC GATE DRVR HALF-BRIDGE 8SO	L6386ED013TR STMicroelectronics IC GATE DRVR HALF-BRIDGE 14SO	L6386D013TR STMicroelectronics IC GATE DRVR HALF-BRIDGE 14SO	L6387E STMicroelectronics IC GATE DRVR HALF-BRIDGE 8DIP	L6385E STMicroelectronics IC GATE DRVR HALF-BRIDGE 8DIP	L6384E STMicroelectronics IC GATE DRVR HALF-BRIDGE 8DIP
					
L6385D STMicroelectronics IC GATE DRVR HALF-BRIDGE 8SO	L6386ED STMicroelectronics IC GATE DRVR HALF-BRIDGE 14SO	L6387ED STMicroelectronics IC GATE DRVR HALF-BRIDGE 8SO	L6387DTR STMicroelectronics IC GATE DRVR HALF-BRIDGE 8SO	L6387D STMicroelectronics IC GATE DRVR HALF-BRIDGE 8SO	L6385ED013TR STMicroelectronics IC GATE DRVR HALF-BRIDGE 8SO

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 +00852 9146 4856	Email info@allelco.com

Certifications & Memberships



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Contact us

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