

Image may be representation.  
See specifications for product details.



## MAX256ASA+

Manufacturer Part Number	<b>MAX256ASA+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX256ASA+
ECAD Model	Request Free CAD Models
Parts Description	IC HALF BRIDGE DRIVER 1A 8SOIC
Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Data sheet	<a href="#">MAXREFDES11# Ref Design.pdf</a> <a href="#">MAXREFDES7#.pdf</a> <a href="#">MAX256 Datasheet.pdf</a> <a href="#">MAXREFDES8#.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

MAX256ASA+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX256ASA+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX256ASA+, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX256ASA+ Tech Specifications

MAX256ASA+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	3V ~ 5.5V	Mounting Type	Surface Mount
Voltage - Load	3V ~ 5.5V	Load Type	Inductive
Technology	Power MOSFET	Interface	Logic
Supplier Device Package	8-SOIC-EP	Features	Internal Oscillator, Watchdog Timer
Series	-	Fault Protection	ESD, Over Temperature, UVLO
Rds On (Typ)	500mOhm LS + HS	Current - Peak Output	-
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Current - Output / Channel	1A
Package	Tube	Base Product Number	MAX256
Output Configuration	Half Bridge (2)	Applications	Transformers

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX256ASA+

Product Attribute				
Part Number	MAX256ASA+	<b>MAX256ASA+T</b>	<b>MAX25608AUI/V+</b>	<b>MAX258ATA+T</b>
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Features	Internal Oscillator, Watchdog Timer	Internal Oscillator, Watchdog Timer	-	Slew Rate Controlled
Fault Protection	ESD, Over Temperature, UVLO	ESD, Over Temperature, UVLO	-	Over Temperature, UVLO
Supplier Device Package	8-SOIC-EP	8-SOIC-EP	28-TSSOP-EP	8-TDFN (2x3)
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	8-SOIC (0.154", 3.90mm Width) Exposed Pad	28-TSSOP (0.173", 4.40mm Width) Exposed Pad	8-WDFN Exposed Pad
Technology	Power MOSFET	Power MOSFET	-	-
Load Type	Inductive	Inductive	-	-
Applications	Transformers	Transformers	Automotive	-
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Interface	Logic	Logic	-	On/Off
Current - Output / Channel	1A	1A	1.6A (Switch)	-
Rds On (Typ)	500mOhm LS + HS	500mOhm LS + HS	-	145mOhm
Current - Peak Output	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	-	-
Base Product Number	MAX256	MAX256	MAX25608	MAX258
Series	-	-	-	-
Voltage - Load	3V ~ 5.5V	3V ~ 5.5V	-	3V ~ 5.5V
Output Configuration	Half Bridge (2)	Half Bridge (2)	-	Low Side
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 125°C (TA)	-40°C ~ 150°C (TJ)

## MAX256ASA+ Datasheet PDF

Download MAX256ASA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX256ASA+ - Analog Devices Inc./Maxim Integrated.

### Datasheets

MAXREFDES11# Ref Design.pdf

MAXREFDES7#.pdf

MAX256 Datasheet.pdf

MAXREFDES8#.pdf

### Environmental Information

Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf

### Part Numbering Guide

Part Numbering System.pdf

### Application Notes

Campbell (MAXREFDES4#) Nexys 3 Quick Start Guide.pdf

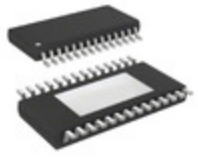
Campbell (MAXREFDES4#) ZedBoard Quick Start Guide.pdf

Cupertino (MAXREFDES5#) ZedBoard Quick Start Guide.pdf

Fresno (MAXREFDES11#) ZedBoard Quick Start Guide.pdf

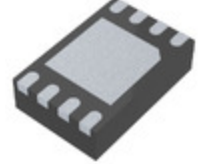
### Customers Also Interested in

### Recommended Products



#### MAX25608AUI/V+

Analog Devices Inc./Maxim Integrated  
IC LED DRVR LIN PWM 1.6A 28TSSOP



#### MAX258ATA+T

Analog Devices Inc./Maxim Integrated  
IC PWR DRIVER N-CHAN 1:2 8TDFN



#### MAX2584AELM-TD

Analog Devices / Maxim Integrated



#### MAX256ASA+T

Analog Devices Inc./Maxim Integrated  
IC HALF BRIDGE DRIVER 1A 8SOIC



#### MAX2585ELM#TDG42

Analog Devices / Maxim Integrated



#### MAX2557ELM+T

Analog Devices Inc./Maxim Integrated  
VIDEO AMPLIFIERS FEMTO WCDMA BAN



#### MAX2597ELB+

Analog Devices / Maxim Integrated



#### MAX2582ELM#TDG42

Analog Devices / Maxim Integrated



#### MAX2557AELM+T

Analog Devices Inc./Maxim Integrated  
VIDEO AMPLIFIERS FEMTO WCDMA BAN



#### MAX2599ELB+

Analog Devices / Maxim Integrated



#### MAX25611CATC/VY+

Analog Devices Inc./Maxim Integrated  
IC LED DRIVER CTRLR PWM 12SWTQFN



#### MAX2597ELB

Analog Devices / Maxim Integrated



#### MAX2557ELM

Analog Devices / Maxim Integrated



#### MAX256ASA

Analog Devices Inc./Maxim Integrated  
TRANSFORMER H-BRIDGE DRIVER



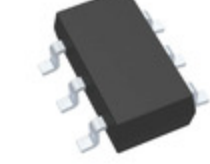
#### MAX2553ETN+T

Analog Devices / Maxim Integrated



#### MAX2597ELB+T

Analog Devices / Maxim Integrated



#### MAX25615AUT/V+T

Analog Devices Inc./Maxim Integrated  
HIGH SPEED MOSFET DRIVERS



#### MAX25611CATC/VY+T

Analog Devices Inc./Maxim Integrated  
IC LED DRIVER CTRLR PWM 12SWTQFN

### 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



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