

Image may be representation.  
See specifications for product details.



## MAX15006BASA+T

Manufacturer Part Number	<b>MAX15006BASA+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX15006BASA+T
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 5V 50MA 8SOIC
Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Data sheet	<b>MAX15006,07.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX15006BASA+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX15006BASA+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX15006BASA+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX15006BASA+T Tech Specifications

MAX15006BASA+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Type	Fixed
Voltage Dropout (Max)	0.525V @ 50mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	5V	Operating Temperature	-40°C ~ 125°C (TA)
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	40V	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC-EP	Current - Supply (Max)	150 µA
Series	-	Current - Quiescent (Iq)	17 µA
Protection Features	Over Temperature, Short Circuit	Current - Output	50mA
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	MAX15006
PSRR	66dB (100Hz)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX15006BASA+T

Product Attribute				
Part Number	MAX15006BASA+T	<b>MAX15006BASA+</b>	<b>MAX15006AASA/V+T</b>	<b>MAX15006BATT+T</b>
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
PSRR	66dB (100Hz)	66dB (100Hz)	66dB (100Hz)	66dB (100Hz)
Voltage - Input (Max)	40V	40V	40V	40V
Voltage - Output (Min/Fixed)	5V	5V	3.3V	5V
Number of Regulators	1	1	1	1
Control Features	-	-	Current Limit, Enable	-
Current - Supply (Max)	150 µA	150 µA	150 µA	150 µA
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	8-SOIC (0.154", 3.90mm Width) Exposed Pad	8-SOIC (0.154", 3.90mm Width) Exposed Pad	6-WDFN Exposed Pad
Series	-	-	Automotive, AEC-Q100	-
Voltage Dropout (Max)	0.525V @ 50mA	0.525V @ 50mA	1V @ 50mA	0.525V @ 50mA
Output Configuration	Positive	Positive	Positive	Positive
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Current - Quiescent (Iq)	17 µA	17 µA	17 µA	17 µA
Current - Output	50mA	50mA	50mA	50mA
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Supplier Device Package	8-SOIC-EP	8-SOIC-EP	8-SOIC-EP	6-TDFN (3x3)
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage - Output (Max)	-	-	-	-
Base Product Number	MAX15006	MAX15006	MAX15006	MAX15006

## MAX15006BASA+T Datasheet PDF

Download MAX15006BASA+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX15006BASA+T - Analog Devices Inc./Maxim Integrated.

### Datasheets

MAX15006,07.pdf


### Environmental Information

Maxim Integrated RoHS Cert.pdf

Red Phosphorous Certificate.pdf

Material Declaration MAX15006BASA+T.pdf


## Part Numbering Guide


 Part Numbering System.pdf

## Other Related Documents

 Cylindrical Battery Holders.pdf




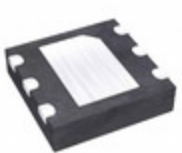
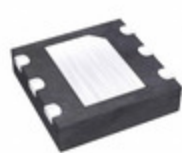


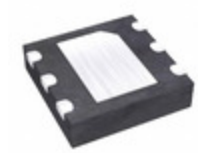
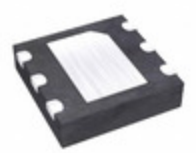
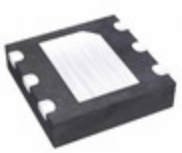
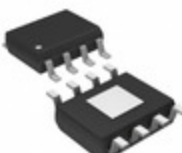
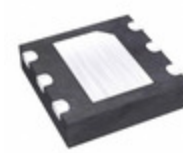

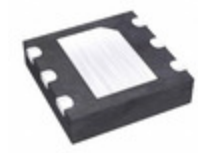
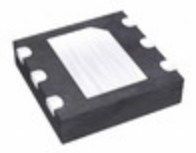

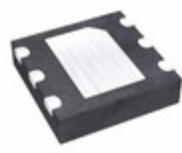
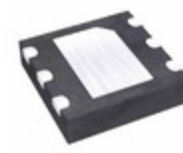
## Application Notes

 Automotive Linear Regulators Minimize Quiescent Cu.pdf

 Trends in High-Performance Power-Supply Design for.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MAX15005BAUE/V+T</b> Analog Devices Inc./Maxim Integrated IC REG CTRLR MULT TOP 16TSSOP	<b>MAX15006BASA+</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 5V 50MA 8SOIC	<b>MAX15006AASA/V+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 3.3V 50MA 8SOIC	<b>MAX15006BATT+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 5V 50MA 6TDFN	<b>MAX15007BATT+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 5V 50MA 6TDFN	<b>MAX15005BAUE</b> Analog Devices / Maxim Integrated
					
<b>MAX1500VETN</b> Analog Devices Inc./Maxim Integrated CURRENT-MODE PWM CONTROLLER WITH	<b>MAX15007AATT+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 3.3V 50MA 6TDFN	<b>MAX15006BATT/V+</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 5V 50MA 6TDFN	<b>MAX15006AATT+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 3.3V 50MA 6TDFN	<b>MAX15006AASA+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 3.3V 50MA 8SOIC	<b>MAX15006BATT/V+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 5V 50MA 6TDFN
					
<b>MAX15007AASA+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 3.3V 50MA 8SOIC	<b>MAX15007CATT+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR POS ADJ 50MA 6TDFN	<b>MAX15006AATT+</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 3.3V 50MA 6TDFN	<b>MAX15006BASA/V+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 5V 50MA 8SOIC	<b>MAX15006AATT/V+T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR 3.3V 50MA 6TDFN	<b>MAX15006CATT+</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR POS ADJ 50MA 6TDFN

## 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.



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 Efficient Supply Management  
 Cost-Saving Procurement  
 Fast Sourcing & Delivery

Contact us if you have any questions.

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### Certifications & Memberships



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