

Image may be representation.  
See specifications for product details.



## MAX20003ATPB/V+T

Manufacturer Part Number	<b>MAX20003ATPB/V+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX20003ATPB/V+T
ECAD Model	Request Free CAD Models
Parts Description	IC REG BUCK PROG/3.3V 3A 20TQFN
Package	20-WQFN Exposed Pad
Data sheet	<b>MAX20002,03 Series.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX20003ATPB/V+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX20003ATPB/V+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX20003ATPB/V+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX20003ATPB/V+T Tech Specifications  
MAX20003ATPB/V+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	1V (3.3V)	Output Type	Programmable (Fixed)
Voltage - Output (Max)	10V	Output Configuration	Positive
Voltage - Input (Min)	3.5V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	36V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Down
Supplier Device Package	20-TQFN (5x5)	Frequency - Switching	220kHz ~ 2.2MHz
Series	Automotive, AEC-Q100	Current - Output	3A
Package / Case	20-WQFN Exposed Pad	Base Product Number	MAX20003

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX20003ATPB/V+T

Product Attribute				
Part Number	MAX20003ATPB/V+T	MAX20002ATPA/V+T	MAX20006EAFOC/VY+T	MAX20006EAFOB/VY+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Current - Output	3A	2A	6A	6A
Mounting Type	Surface Mount	Surface Mount	Surface Mount, Wettable Flank	Surface Mount, Wettable Flank
Function	Step-Down	Step-Down	Step-Down	Step-Down
Base Product Number	MAX20003	MAX20002	MAX20006	MAX20006
Voltage - Output (Min/Fixed)	1V (3.3V)	1V (5V)	3.3V	3.3V
Supplier Device Package	20-TQFN (5x5)	20-TQFN (5x5)	17-FC2QFN (3.5x3.75)	17-FC2QFN (3.5x3.75)
Topology	Buck	Buck	Buck	Buck
Voltage - Input (Min)	3.5V	3.5V	3.5V	3.5V
Voltage - Output (Max)	10V	10V	-	-
Package / Case	20-WQFN Exposed Pad	20-WQFN Exposed Pad	17-PowerWFQFN	17-PowerWFQFN
Output Type	Programmable (Fixed)	Programmable (Fixed)	Fixed	Fixed
Voltage - Input (Max)	36V	36V	36V	36V
Synchronous Rectifier	Yes	Yes	Yes	Yes
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Output Configuration	Positive	Positive	Positive	Positive
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tray
Number of Outputs	1	1	1	1
Frequency - Switching	220kHz ~ 2.2MHz	220kHz ~ 2.2MHz	2.1MHz	2.1MHz
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C	-40°C ~ 125°C

### MAX20003ATPB/V+T Datasheet PDF

Download MAX20003ATPB/V+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX20003ATPB/V+T - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX20002,03 Series.pdf](#)

#### Environmental Information


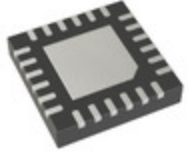

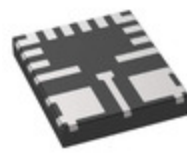
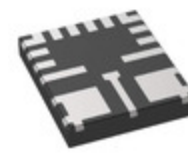
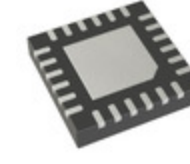
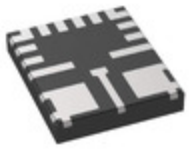
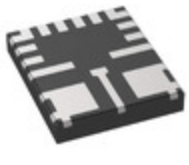

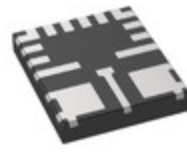
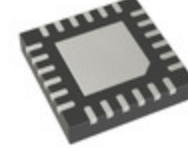
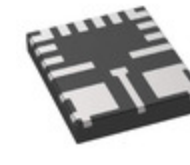

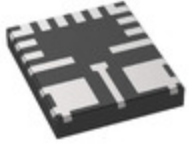


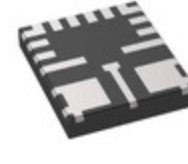

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Application Notes

## Customers Also Interested in

### Recommended Products

					
<b>MAX199BCWI</b> Analog Devices Inc./Maxim Integrated IC ADC 12BIT SAR 28SOIC	<b>MAX20002ATPA/V+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK PROG/5V 2A SYNC TQFN	<b>MAX199AEWI</b> Analog Devices Inc./Maxim Integrated IC ADC 12BIT SAR 28SOIC	<b>MAX20006EAFOC/VY+T</b> Analog Devices Inc./Maxim Integrated IC CONV STEP DOWN 36V 17QFN	<b>MAX20006EAFOB/VY+</b> Analog Devices Inc./Maxim Integrated IC CONV STEP DOWN 36V 17QFN	<b>MAX20002ATPB/V+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK PROG/3.3V 2A 20TQFN
					
<b>MAX20008AFOD/VY+T</b> Analog Devices Inc./Maxim Integrated 36V, 220KHZ TO 2.2MHZ, 4A/6A/8A	<b>MAX20006EAFOB/VY+T</b> Analog Devices Inc./Maxim Integrated IC CONV STEP DOWN 36V 17QFN	<b>MAX20002DATPB/VY+T</b> Analog Devices Inc./Maxim Integrated IC REG 36V 220KHZ-2.2MHZ 2A/3A	<b>MAX20006AFOC/VY+T</b> Analog Devices Inc./Maxim Integrated 36V, 220KHZ TO 2.2MHZ, 4A/6A/8A	<b>MAX20003ATPA/V+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK PROG/5V 3A SYNC TQFN	<b>MAX20006EAFOA/VY+T</b> Analog Devices Inc./Maxim Integrated IC CONV STEP DOWN 36V 17QFN
					
<b>MAX199BEWI</b> Analog Devices Inc./Maxim Integrated IC ADC 12BIT SAR 28SOIC	<b>MAX20006AFOA/VY+T</b> Analog Devices Inc./Maxim Integrated 36V, 220KHZ TO 2.2MHZ, 4A/6A/8A	<b>MAX20003CATPD/V+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK PROG/5V 3A 20TQFN	<b>MAX20006AFOD/VY+T</b> Analog Devices Inc./Maxim Integrated 36V, 220KHZ TO 2.2MHZ, 4A/6A/8A	<b>MAX20006AFOB/VY+T</b> Analog Devices Inc./Maxim Integrated 36V, 220KHZ TO 2.2MHZ, 4A/6A/8A	<b>MAX199ACWI</b> Analog Devices Inc./Maxim Integrated IC ADC 12BIT SAR 28SOIC

## 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

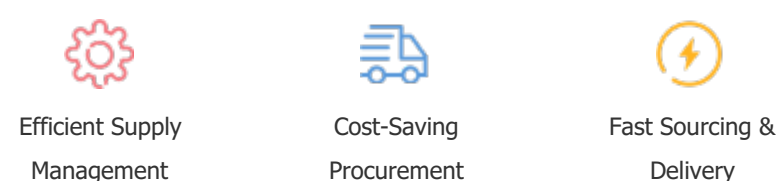
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

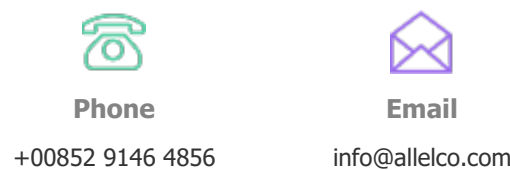
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com