

Image may be representation.  
See specifications for product details.



## MAX20075ATCB/V+T

Manufacturer Part Number	<b>MAX20075ATCB/V+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX20075ATCB/V+T
ECAD Model	Request Free CAD Models
Parts Description	<b>IC REG BUCK PROG 600MA 12TDFN</b>
Package	<b>12-WFDFN Exposed Pad</b>
Data sheet	MAX20075ATCB/V+T.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX20075ATCB/V+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX20075ATCB/V+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX20075ATCB/V+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX20075ATCB/V+T Tech Specifications  
MAX20075ATCB/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	Output Type	Programmable (Fixed)
Voltage - Output (Max)	10V	Output Configuration	Positive
Voltage - Input (Min)	3.5V	Operating Temperature	0°C ~ 70°C
Voltage - Input (Max)	36V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Down
Supplier Device Package	12-TDFN (3x3)	Frequency - Switching	-
Series	-	Current - Output	600mA
Package / Case	12-WFDFN Exposed Pad	Base Product Number	MAX20075

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX20075ATCB/V+T

Product Attribute				
Part Number	MAX20075ATCB/V+T	MAX20075ATCC/V+	MAX20075ATCC/V+T	MAX20077ATCB/VY+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Output Configuration	Positive	Positive	Positive	Positive
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C	-40°C ~ 125°C
Voltage - Input (Max)	36V	36V	36V	40V
Base Product Number	MAX20075	MAX20075	MAX20075	MAX20077
Topology	Buck	Buck	Buck	Buck
Frequency - Switching	-	-	-	400kHz, 2.1MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount, Wettable Flank
Output Type	Programmable (Fixed)	Programmable (Fixed)	Programmable (Fixed)	Adjustable
Package	Tape & Reel (TR)	Strip	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Input (Min)	3.5V	3.5V	3.5V	3.5V
Function	Step-Down	Step-Down	Step-Down	Step-Down
Number of Outputs	1	1	1	1
Package / Case	12-WFDFN Exposed Pad	12-WFDFN Exposed Pad	12-WFDFN Exposed Pad	12-WFDFN Exposed Pad
Supplier Device Package	12-TDFN (3x3)	12-TDFN (3x3)	12-TDFN (3x3)	12-TDFN-EP (3x3)
Current - Output	600mA	600mA	600mA	2.5A
Voltage - Output (Min/Fixed)	1V	1V	1V	1V
Series	-	-	-	Automotive, AEC-Q100
Voltage - Output (Max)	10V	10V	10V	10V
Synchronous Rectifier	Yes	Yes	Yes	Yes

### MAX20075ATCB/V+T Datasheet PDF

Download MAX20075ATCB/V+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX20075ATCB/V+T - Analog Devices Inc./Maxim Integrated.

#### Environmental Information






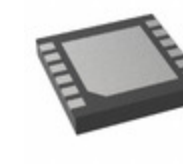

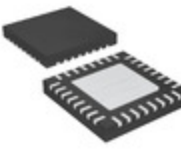

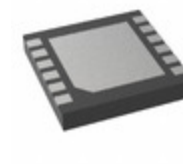



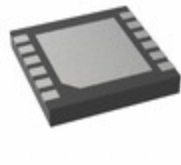


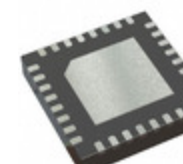
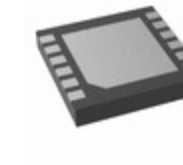
- Maxim Integrated REACH.pdf
- Maxim Integrated RoHS Cert.pdf
- Red Phosphorous Certificate.pdf

#### Other Related Documents

- Balancing Power Supply Requirements in ADAS Appl.pdf

### Customers Also Interested in

## Recommended Products

					
<b>MAX20075ATCC/V+</b> Analog Devices Inc./Maxim Integrated IC REG BUCK PROG 600MA 12TDFN	<b>MAX20075ATCC/V+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK PROG 600MA 12TDFN	<b>MAX20066BATPD/V+T</b> Analog Devices / Maxim Integrated	<b>MAX20070GTJ</b> Analog Devices / Maxim Integrated	<b>MAX20073ATBB/V+</b> Analog Devices / Maxim Integrated	<b>MAX20077ATCB/VY+T</b> Analog Devices Inc./Maxim Integrated 36V 2.5A BUCK CONVERTER
					
<b>MAX20075ATCA/V+</b> Analog Devices Inc./Maxim Integrated IC REG BUCK PROG 600MA 12TDFN	<b>MAX20070GTJ/V+T</b> Analog Devices Inc./Maxim Integrated IC TFT-LED PWR SUPPLY 32TQFN	<b>MAX20076ATCB/V+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK PROG 1.2A 12TDFN	<b>MAX20077ATCD/VY+T</b> Analog Devices Inc./Maxim Integrated 36V 2.5A BUCK CONVERTER	<b>MAX20075DATCA/V+T</b> Analog Devices Inc./Maxim Integrated 600MA 2.2MHZ MINI BUCK CONV W/SU	<b>MAX20070BGTJ</b> Analog Devices / Maxim Integrated
					
<b>MAX20066BATPA/V+T</b> Analog Devices / Maxim Integrated	<b>MAX20077ATCA/VY+T</b> Analog Devices Inc./Maxim Integrated 36V 2.5A BUCK CONVERTER	<b>MAX20073ATBB/V+T</b> Analog Devices Inc./Maxim Integrated IC REG 2A STEP-DOWN 2A TDFN	<b>MAX20076DATCB/V+</b> Analog Devices / Maxim Integrated	<b>MAX20070BGTJA/V+T</b> Analog Devices Inc./Maxim Integrated IC TFT-LED PWR SUPPLY TQFN	<b>MAX20077ATCA/VY+</b> Analog Devices Inc./Maxim Integrated 36V 2.5A BUCK CONVERTER

## 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

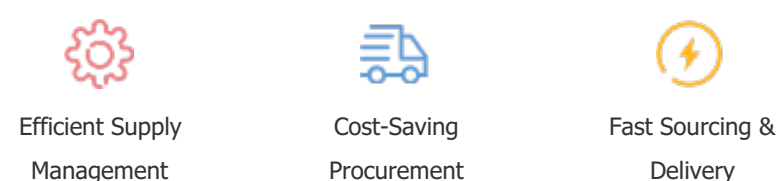
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## 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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