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See specifications for product details.



MAX17544ATP+

Manufacturer Part Number	MAX17544ATP+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX17544ATP+
ECAD Model	Request Free CAD Models
Parts Description	IC REG BUCK ADJ 3.5A 20TQFN
Package	20-WQFN Exposed Pad
Data sheet	EE-Sim Design, Simulation Environment Guide.pdf
	MAX17544.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX17544ATP+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX17544ATP+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX17544ATP+, please send us email: info@allelco.com

Specifications

MAX17544ATP+ Tech Specifications

MAX17544ATP+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tube
Voltage - Output (Min/Fixed)	0.9V	Output Type	Adjustable
Voltage - Output (Max)	37.8V	Output Configuration	Positive
Voltage - Input (Min)	4.5V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	42V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Down
Supplier Device Package	20-TQFN (5x5)	Frequency - Switching	100kHz ~ 2.2MHz
Series	Himalaya	Current - Output	3.5A
Package / Case	20-WQFN Exposed Pad	Base Product Number	MAX17544

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX17544ATP+

Product Attribute				
Part Number	MAX17544ATP+	MAX17532ATB+T	MAX17542GATB+T	MAX17552AUB+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Topology	Buck	Buck	Buck	Buck
Base Product Number	MAX17544	MAX17532	MAX17542	MAX17552
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	42V	42V	42V	60V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Frequency - Switching	100kHz ~ 2.2MHz	100kHz ~ 2.2MHz	600kHz	100kHz ~ 2.2MHz
Supplier Device Package	20-TQFN (5x5)	10-TDFN (3x2)	10-TDFN (3x2)	10-uMAX/uSOP
Number of Outputs	1	1	1	1
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Synchronous Rectifier	Yes	Yes	No	Yes
Package / Case	20-WQFN Exposed Pad	10-WDFN Exposed Pad	10-WDFN Exposed Pad	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Series	Himalaya	Himalaya	Himalaya	Himalaya
Function	Step-Down	Step-Down	Step-Down	Step-Down
Voltage - Output (Min/Fixed)	0.9V	0.8V	0.9V	0.8V
Current - Output	3.5A	100mA	1A	100mA
Voltage - Output (Max)	37.8V	37.8V	38.64V	54V
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Input (Min)	4.5V	4V	4.5V	4V
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

MAX17544ATP+ Datasheet PDF

Download MAX17544ATP+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX17544ATP+ - Analog Devices Inc./Maxim Integrated.

Datasheets

EE-Sim Design, Simulation Environment Guide.pdf

Environmental Information

Maxim Integrated REACH.pdf

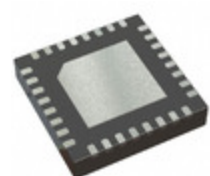
Maxim Integrated RoHS Cert.pdf

Part Numbering Guide

HTML Datasheet

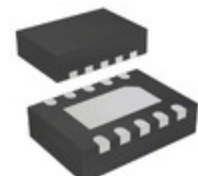
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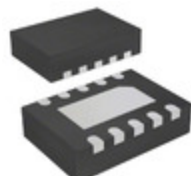
MAX17558ATJ+

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 32TQFN



MAX17532ATB+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ 100MA 10TDFN



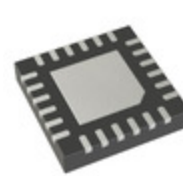
MAX17542GATB+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJUSTABLE 1A 10TDFN



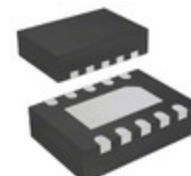
MAX17552AUB+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ 100MA 10UMAX



MAX17546ATP+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJUSTABLE 5A 20TQFN



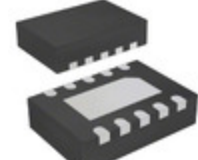
MAX17551ATB+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ 50MA 10TDFN



MAX17536ATP+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJUSTABLE 4A 20TQFN



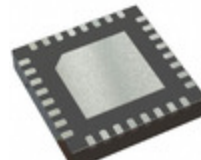
MAX17541GATB+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ 500MA 10TDFN



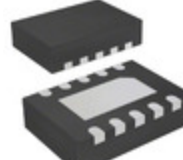
MAX17525ATP+T

Analog Devices Inc./Maxim Integrated
IC POWER CONTROLLER 20TQFN



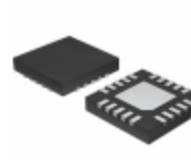
MAX17528GTJ+T

Analog Devices Inc./Maxim Integrated
IC REG CTRL IMVP-6.5 1OUT 32TQFN



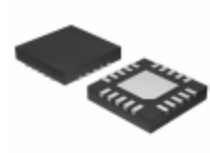
MAX17550ATB+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ 25MA 10TDFN



MAX17543ATP+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ 2.5A 20TQFN



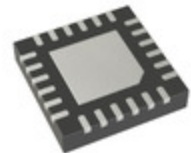
MAX17543ATP+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ 2.5A 20TQFN



MAX17532AUB+T

Analog Devices Inc./Maxim Integrated
100MA, 42V, LOW IQ SYNCHRONOUS B



MAX17544ATP+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ 3.5A 20TQFN



MAX17574ATG+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJUSTABLE 3A 24TQFN



MAX17551AUB+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ 50MA 10UMAX



MAX17575ATC+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ 1.5A 12TDFN

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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