

Image may be representation.
See specifications for product details.



MAX17552AUB+T

Manufacturer Part Number **MAX17552AUB+T**

Manufacturer **Maxim Integrated**

Allelco Part Number **32D-MAX17552AUB+T**

ECAD Model Request Free CAD Models

Parts Description **IC REG BUCK ADJ 100MA 10UMAX**

Package **10-TFSOP, 10-MSOP (0.118', 3.00mm Width)**

Data sheet **[EE-Sim Design, Simulation Environment Guide.pdf](#)**

[IO-LINK Handbook.pdf](#)

[MAX17552.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

MAX17552AUB+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX17552AUB+T datasheet/specifications on AllelcoElec.com.

Request a quote for MAX17552AUB+T, please send us email: info@allelco.com

Specifications

MAX17552AUB+T Tech Specifications

MAX17552AUB+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)	0.8V	Output Type	Adjustable
Voltage - Output (Max)	54V	Output Configuration	Positive
Voltage - Input (Min)	4V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	60V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Down
Supplier Device Package	10-uMAX/uSOP	Frequency - Switching	100kHz ~ 2.2MHz
Series	Himalaya	Current - Output	100mA
Package / Case	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	Base Product Number	MAX17552

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX17552AUB+T

Product Attribute				
Part Number	MAX17552AUB+T	MAX17574ATG+	MAX17551ATB+T	MAX17546ATP+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Voltage - Input (Min)	4V	4.5V	4V	4.5V
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TA)
Voltage - Output (Max)	54V	54V	54V	37.8V
Number of Outputs	1	1	1	1
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Voltage - Output (Min/Fixed)	0.8V	0.9V	0.8V	0.9V
Synchronous Rectifier	Yes	Yes	Yes	Yes
Supplier Device Package	10-uMAX/uSOP	24-TQFN (4x5)	10-TDFN (3x2)	20-TQFN (5x5)
Topology	Buck	Buck	Buck	Buck
Function	Step-Down	Step-Down	Step-Down	Step-Down
Package / Case	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	24-WFQFN Exposed Pad	10-WFDFN Exposed Pad	20-WQFN Exposed Pad
Series	Himalaya	-	Himalaya	Himalaya
Base Product Number	MAX17552	MAX17574	MAX17551	MAX17546
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Output	100mA	3A	50mA	5A
Frequency - Switching	100kHz ~ 2.2MHz	100kHz ~ 2.2MHz	100kHz ~ 2.2MHz	100kHz ~ 2.2MHz
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Input (Max)	60V	60V	60V	42V
Package	Tape & Reel (TR)	Tray	Tape & Reel (TR)	Tape & Reel (TR)

MAX17552AUB+T Datasheet PDF

Download MAX17552AUB+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX17552AUB+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[EE-Sim Design, Simulation Environment Guide.pdf](#)

[IO-LINK Handbook.pdf](#)


Environmental Information

[Maxim Integrated REACH.pdf](#)


[Maxim Integrated RoHS Cert.pdf](#)


[Red Phosphorous Certificate.pdf](#)

Part Numbering Guide

 Part Numbering System.pdf

Application Notes

 RTD Measurement System Design Essentials.pdf

 Powering the Pocket IO PLC Development Platform.pdf

HTML Datasheet

 MAX17552.pdf

Customers Also Interested in

Recommended Products



MAX1757EAI+T

Analog Devices Inc./Maxim Integrated
IC BATT CHG LI-ION 1-3CEL 28SSOP



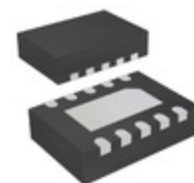
MAX1757EAI

Analog Devices Inc./Maxim Integrated
IC BATT CHG LI-ION 1-3CEL 28SSOP



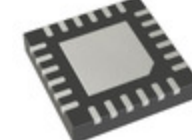
MAX17574ATG+

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



MAX17551ATB+T

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



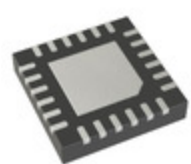
MAX17546ATP+T

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



MAX17575ATC+T

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



MAX17544ATP+T

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



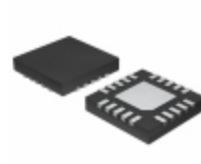
MAX17551AUB+T

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



MAX1758EAI

Analog Devices Inc./Maxim Integrated
IC BATT CHG LI-ION 1-4CEL 28SSOP



MAX17543ATP+T

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



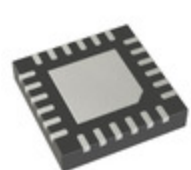
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Analog Devices Inc./Maxim Integrated
IC BATT CHG LI-ION 1-4CEL 28SSOP



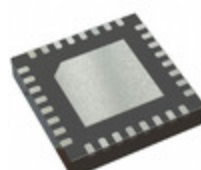
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IC BATT CHG LI-ION 1-4CEL 28SSOP



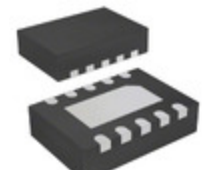
MAX17544ATP+

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



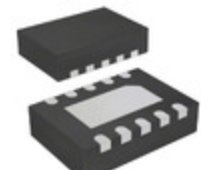
MAX17558ATJ+

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



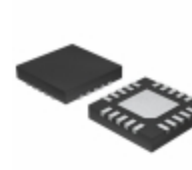
MAX17550ATB+T

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



MAX17542GATB+T

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



MAX17543ATP+

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



MAX17552AATB+T

Analog Devices / Maxim Integrated

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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