

MAX17500AAUB+T



Part Number: [MAX17500AAUB+T](#)
Manufacturer: [Maxim Integrated](#)
Description: IC REG CTRLR BOOST/SEPIC 10UMAX
Data sheet: [MAX17499, MAX17500](#)
[Part Numbering System](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
 See Product Specifications for product details.
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PRODUCT PARAMETER

Part Number	MAX17500AAUB+T	Manufacturer	Maxim Integrated
Description	IC REG CTRLR BOOST/SEPIC 10UMAX	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	92993 pcs	Data sheet	MAX17499, MAX17500 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	23.6 V ~ 30 V
Topology	Boost, SEPIC	Synchronous Rectifier	No
Supplier Device Package	10-uMAX	Series	-
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive, Isolation Capable
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up, Step-Up/Step-Down
Frequency - Switching	50kHz ~ 2.5MHz	Duty Cycle (Max)	50%
Detailed Description	Boost, SEPIC Regulator Positive, Isolation Capable Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 10-uMAX	Control Features	Enable
Clock Sync	No	Base Part Number	MAX17500

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RELATED PRODUCTS

	Part#: MAX17501AATB+T Description: IC REG BCK 3.3V 0.5A SYNC 10TDFN	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX174BEWI Description: IC ADC 12-BIT W/REF 28-SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX17500BEUB+ Description: IC REG CTRLR BOOST/SEPIC 10UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX174CEWI Description: IC ADC 12-BIT W/REF 28-SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX174CEPI Description: IC ADC 12-BIT W/REF 28-DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX174BEPI+ Description: IC ADC 12BIT W/REF 28-DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX174CCWI+ Description: IC ADC 12BIT W/REF 28-SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX17500AEUB+T Description: IC REG CTRLR BOOST/SEPIC 10UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX174CCPI+ Description: IC ADC 12BIT LOW PWR HISPDP 28DIP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX17500BAUB+ Description: IC REG CTRLR BOOST/SEPIC 10UMAX	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX174CCPI Description: IC ADC 12BIT LOW PWR HISPDP 28DIP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX17500BAUB+T Description: IC REG CTRLR BOOST/SEPIC 10UMAX	Manufacturers: Maxim Integrated	RFQ
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