

## MAX17500AAUB+



**Part Number:** [MAX17500AAUB+](#)  
**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

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 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	MAX17500AAUB+	<b>Manufacturer</b>	<a href="#">Maxim Integrated</a>
<b>Description</b>	IC REG CTRLR BOOST/SEPIC 10UMAX	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	83250 pcs	<b>Data sheet</b>	<a href="#">MAX17499, MAX17500</a> <a href="#">Part Numbering System</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	23.6 V ~ 30 V
<b>Topology</b>	Boost, SEPIC	<b>Synchronous Rectifier</b>	No
<b>Supplier Device Package</b>	10-uMAX	<b>Series</b>	-
<b>Serial Interfaces</b>	-	<b>Packaging</b>	Tube
<b>Package / Case</b>	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	<b>Output Type</b>	Transistor Driver
<b>Output Phases</b>	1	<b>Output Configuration</b>	Positive, Isolation Capable
<b>Operating Temperature</b>	-40°C ~ 125°C (TJ)	<b>Number of Outputs</b>	1
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Manufacturer Standard Lead Time</b>	6 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Function</b>	Step-Up, Step-Up/Step-Down
<b>Frequency - Switching</b>	50kHz ~ 2.5MHz	<b>Duty Cycle (Max)</b>	50%
<b>Detailed Description</b>	Boost, SEPIC Regulator Positive, Isolation Capable Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 10-uMAX	<b>Control Features</b>	Enable
<b>Clock Sync</b>	No	<b>Base Part Number</b>	MAX17500

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">MAX17501AATB+</a> <b>Description:</b> IC REG BCK 3.3V 0.5A SYNC 10TDFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX174CCPI+</a> <b>Description:</b> IC ADC 12BIT LOW PWR HISPDP 28DIP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17500BEUB+T</a> <b>Description:</b> IC REG CTRLR BOOST/SEPIC 10UMAX	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17500BAUB+</a> <b>Description:</b> IC REG CTRLR BOOST/SEPIC 10UMAX	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX174CCWI+</a> <b>Description:</b> IC ADC 12BIT W/REF 28-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17500AEUB+</a> <b>Description:</b> IC REG CTRLR BOOST/SEPIC 10UMAX	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX174BEWI+</a> <b>Description:</b> IC ADC 12BIT W/REF 28-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX174CEPI</a> <b>Description:</b> IC ADC 12-BIT W/REF 28-DIP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX174CCPI</a> <b>Description:</b> IC ADC 12BIT LOW PWR HISPDP 28DIP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX174CEWI</a> <b>Description:</b> IC ADC 12-BIT W/REF 28-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17500AAUB+T</a> <b>Description:</b> IC REG CTRLR BOOST/SEPIC 10UMAX	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17500BEUB+</a> <b>Description:</b> IC REG CTRLR BOOST/SEPIC 10UMAX	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">MAX17500BAUB+T</a> <b>Description:</b> IC REG CTRLR BOOST/SEPIC 10UMAX	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">MAX174BEPI+</a> <b>Description:</b> IC ADC 12BIT W/REF 28-DIP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX174CCWI</a> <b>Description:</b> IC ADC 12-BIT W/REF 28-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX174BEWI</a> <b>Description:</b> IC ADC 12-BIT W/REF 28-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>

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