

MAX17500BAUB+T





Part Number: [MAX17500BAUB+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG CTRLR BOOST/SEPIC 10UMAX

Data sheet:  [MAX17499, MAX17500](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

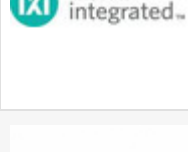
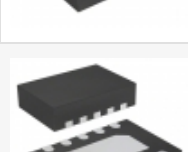
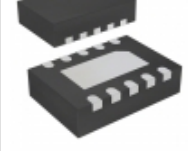
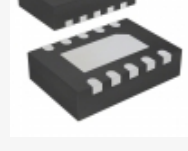
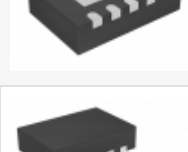
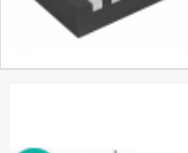
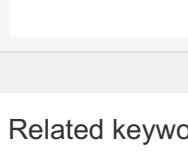
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

PRODUCT PARAMETER		
Part Number	MAX17500BAUB+T	Manufacturer Maxim Integrated
Description	IC REG CTRLR BOOST/SEPIC 10UMAX	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	82824 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 RectifierNo
Supplier Device Package	10-uMAX	Series-
Serial Interfaces	-	PackagingTape & Reel (TR)
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Output TypeTransistor Driver
Output Phases	1	Output ConfigurationPositive, Isolation Capable
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	FunctionStep-Up, Step-Up/Step-Down
Frequency - Switching	50kHz ~ 2.5MHz	Duty Cycle (Max)75%
Detailed Description	Boost, SEPIC Regulator Positive, Isolation Capable Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 10-uMAX	Control FeaturesEnable
Clock Sync	No	Base Part NumberMAX17500
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RELATED PRODUCTS		
	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#: MAX17500AEVKIT Description: KIT EVALUATION MAX17500A	Manufacturers: Maxim Integrated RFQ
	Part#: MAX17500AAUB+ Description: IC REG CTRLR BOOST/SEPIC 10UMAX	Manufacturers: Maxim Integrated RFQ
	Part#: MAX17500BAUB+ Description: IC REG CTRLR BOOST/SEPIC 10UMAX	Manufacturers: Maxim Integrated RFQ
	Part#: MAX17500AAUB+T Description: IC REG CTRLR BOOST/SEPIC 10UMAX	Manufacturers: Maxim Integrated RFQ
	Part#: MAX17501EATB+T Description: IC REG BCK 3.3V 0.5A SYNC 10TDFN	Manufacturers: Maxim Integrated RFQ
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	Part#: MAX17500AEUB+ Description: IC REG CTRLR BOOST/SEPIC 10UMAX	Manufacturers: Maxim Integrated RFQ
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	Part#: MAX17501BATB+ Description: IC REG BUCK 5V 0.5A SYNC 10TDFN	Manufacturers: Maxim Integrated RFQ
	Part#: MAX17500AEVKIT+ Description: KIT EVALUATION FOR MAX17500	Manufacturers: Maxim Integrated RFQ

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