

MAX642AESA+T



Part Number: [MAX642AESA+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC REG BOOST ADJ/12V 0.45A 8SOIC

Data sheet:  [MAX641-643](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

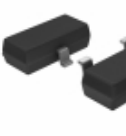
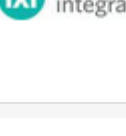
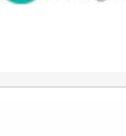
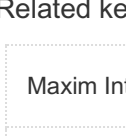
Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MAX642AESA+T	Manufacturer	Maxim Integrated
Description	IC REG BOOST ADJ/12V 0.45A 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5208 pcs	Data sheet	MAX641-643 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	1.31V (12V)
Voltage - Output (Max)	18V (Switch)	Voltage - Input (Min)	2V
Voltage - Input (Max)	16.5V	Topology	Boost
Synchronous Rectifier	No	Supplier Device Package	8-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Adjustable (Fixed)
Output Configuration	Positive	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up	Frequency - Switching	50kHz
Detailed Description	Boost Switching Regulator IC Positive Adjustable (Fixed) 1.31V (12V) 1 Output 450mA (Switch) 8-SOIC (0.154", 3.90mm Width)	Current - Output	450mA (Switch)
Base Part Number	MAX642		
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	Part#: MAX6429AGUR+T Description: IC MONITOR BAT LP SOT23-3	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX6429FJUR+T Description: IC MONITOR BAT LP SOT23-3	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX6430EHUS+ Description: IC REGULATOR	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX642ACSA+T Description: IC REG BOOST ADJ/12V 0.45A 8SOIC	Manufacturers: Maxim Integrated	RFQ
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