

MAX642ACSA+



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Part Number: [MAX642ACSA+](#)

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

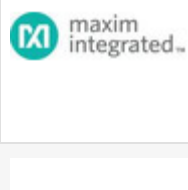
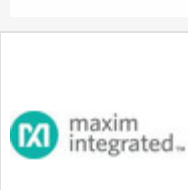
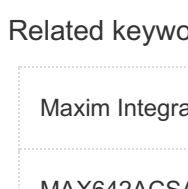
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PRODUCT PARAMETER			
Part Number	MAX642ACSA+	Manufacturer	Maxim Integrated
Description	IC REG BOOST ADJ/12V 0.45A 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28466 pcs	Data sheet	MAX641-643 Part Numbering System
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	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Adjustable (Fixed)
Output Configuration	Positive	Operating Temperature	0°C ~ 70°C (TA)
Number of Outputs	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	6 Weeks
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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