

## MAX1709ESE+



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**Part Number:** [MAX1709ESE+](#)  
**Manufacturer:** [Maxim Integrated](#)  
**Description:** IC REG BST ADJ/PROG 7.5A 16SOIC  
**Data sheet:** [MAX1709](#)  
[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

<b>Part Number</b>	MAX1709ESE+	<b>Manufacturer</b>	<a href="#">Maxim Integrated</a>
<b>Description</b>	IC REG BST ADJ/PROG 7.5A 16SOIC	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	11023 pcs	<b>Data sheet</b>	<a href="#">MAX1709</a> <a href="#">Part Numbering System</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Output (Min/Fixed)</b>	2.5V (3.3V, 5V)
<b>Voltage - Output (Max)</b>	5.5V	<b>Voltage - Input (Min)</b>	0.7V
<b>Voltage - Input (Max)</b>	5V	<b>Topology</b>	Boost
<b>Synchronous Rectifier</b>	No	<b>Supplier Device Package</b>	16-SO
<b>Series</b>	-	<b>Packaging</b>	Tube
<b>Package / Case</b>	16-SOIC (0.154", 3.90mm Width)	<b>Output Type</b>	Adjustable (Programmable)
<b>Output Configuration</b>	Positive	<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Number of Outputs</b>	1	<b>Mounting Type</b>	Surface Mount
<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
<b>Frequency - Switching</b>	350kHz ~ 1MHz	<b>Detailed Description</b>	Boost Switching Regulator IC Positive Adjustable (Programmable) 2.5V (3.3V, 5V) 1 Output 7.5A (Switch) 16-SOIC (0.154", 3.90mm Width)
<b>Current - Output</b>	7.5A (Switch)	<b>Base Part Number</b>	MAX1709

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">MAX170CEPA+</a> <b>Description:</b> IC ADC 12BIT SERIAL 8-DIP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17094ETM+</a> <b>Description:</b> IC REG BOOST ADJ 2A 7OUT 48TQFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17094EVKIT+</a> <b>Description:</b> EVAL KIT FOR MAX17094	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX170CEPA</a> <b>Description:</b> IC ADC 12-BIT SERIAL W/REF 8-DIP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX170CCWE+</a> <b>Description:</b> IC ADC 12BIT SERIAL 16-SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17086GTL+</a> <b>Description:</b> IC CHARGER/CTLR/LDO REG 40-TQFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17094ETM+T</a> <b>Description:</b> IC REG BOOST ADJ 2A 7OUT 48TQFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX170CCWE</a> <b>Description:</b> IC ADC 12BIT SERIAL W/REF 16SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX1709ESE</a> <b>Description:</b> IC REG BST ADJ/PROG 7.5A 16SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17088EVKIT+</a> <b>Description:</b> KIT EVAL FOR MAX17088	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX1708EEE+</a> <b>Description:</b> IC REG BST ADJ/PROG 4.5A 16QSOP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17088ETX+</a> <b>Description:</b> IC REG BOOST INT-SWITCH 36-TQFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX1709EVKIT</a> <b>Description:</b> EVAL BOARD FOR MAX1709	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">MAX1709ESE+T</a> <b>Description:</b> IC REG BST ADJ/PROG 7.5A 16SOIC	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX17088ETX+T</a> <b>Description:</b> IC REG BOOST INT-SWITCH 36-TQFN	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX1709EUI+</a> <b>Description:</b> IC REG BST ADJ/PROG 7.5A 28TSSOP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX1708EEE+T</a> <b>Description:</b> IC REG BST ADJ/PROG 4.5A 16QSOP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX170CCPA</a> <b>Description:</b> IC ADC 12-BIT SERIAL W/REF 8-DIP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MAX1709EUI+T</a> <b>Description:</b> IC REG BST ADJ/PROG 7.5A 28TSSOP	<b>Manufacturers:</b> <a href="#">Maxim Integrated</a>	<a href="#">RFQ</a>

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