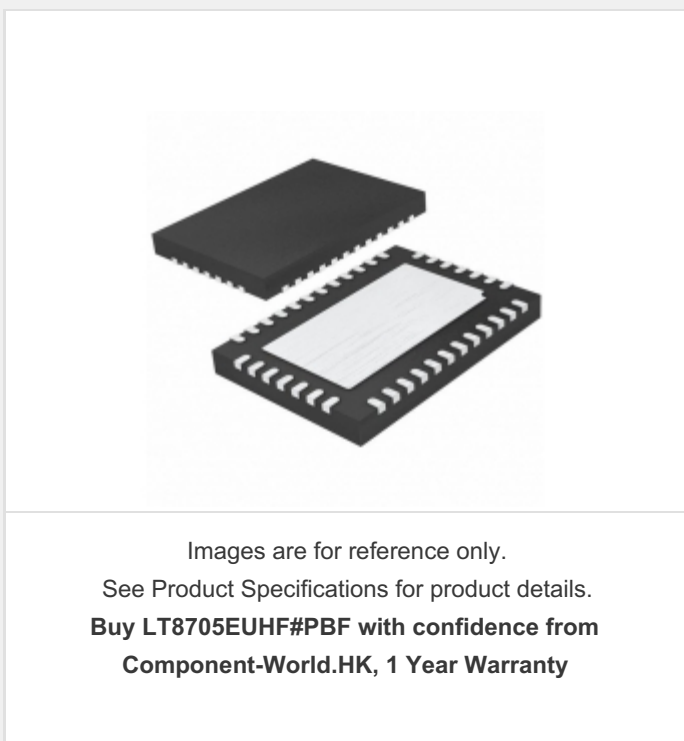


**LT8705EUHF#PBF**



Images are for reference only.  
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**Part Number:** [LT8705EUHF#PBF](#)

**Manufacturer:** [ADI \(Analog Devices, Inc.\)](#)

**Description:** IC REG CTRLR BUCK-BOOST 38QFN

**Data sheet:** [Mac OS X Shortcuts](#)

[LTspice Flyer](#)

[LTspice IV Getting Started Guide](#)

[LT8705 Datasheet](#)

[LTpowerCAD II User Guide](#)

[LTpowerCAD II Quick Start Guide](#)

**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>	LT8705EUHF#PBF	<b>Manufacturer</b>	<a href="#">ADI (Analog Devices, Inc.)</a>
<b>Description</b>	IC REG CTRLR BUCK-BOOST 38QFN	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	13050 pcs	<b>Data sheet</b>	<a href="#">Mac OS X Shortcuts</a> <a href="#">LTspice Flyer</a> <a href="#">LTspice IV Getting Started Guide</a> <a href="#">LT8705 Datasheet</a> <a href="#">LTpowerCAD II User Guide</a> <a href="#">LTpowerCAD II Quick Start Guide</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	2.8 V ~ 80 V
<b>Topology</b>	Buck-Boost	<b>Synchronous Rectifier</b>	Yes
<b>Supplier Device Package</b>	38-QFN (5x7)	<b>Series</b>	-
<b>Serial Interfaces</b>	-	<b>Packaging</b>	Tube
<b>Package / Case</b>	38-WFQFN Exposed Pad	<b>Output Type</b>	Transistor Driver
<b>Output Phases</b>	2	<b>Output Configuration</b>	Positive
<b>Operating Temperature</b>	-40°C ~ 125°C (TJ)	<b>Number of Outputs</b>	2
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Manufacturer Standard Lead Time</b>	16 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Function</b>	Step-Up/Step-Down
<b>Frequency - Switching</b>	100kHz ~ 400kHz	<b>Duty Cycle (Max)</b>	-
<b>Detailed Description</b>	Buck-Boost Regulator Positive Output Step-Up/Step-Down DC-DC Controller IC 38-QFN (5x7)	<b>Control Features</b>	Enable, Frequency Control, Soft Start
<b>Clock Sync</b>	Yes	<b>Base Part Number</b>	LT8705

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	<b>Part#:</b> <a href="#">LT8705IUHF#PBF</a> <b>Description:</b> IC REG CTRLR BUCK-BOOST 38QFN	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LT8705HFE</a> <b>Description:</b> IC REG BUCK	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a>	<a href="#">RFQ</a>
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