



ADI (Analog Devices, Inc.)

## LT8705IFE#PBF

Part Number: LT8705IFE#PBF  
 Manufacturer/Brand: ADI (Analog Devices, Inc.)  
 Product description: IC REG CTRLR BUCK-BOOST 38TSSOP  
 Datasheets:  
 1.LT8705IFE#PBF.pdf  
 2.LT8705IFE#PBF.pdf  
 3.LT8705IFE#PBF.pdf  
 4.LT8705IFE#PBF.pdf  
 5.LT8705IFE#PBF.pdf  
 6.LT8705IFE#PBF.pdf  
 RoHS Status: Lead free / RoHS Compliant  
 Stock Condition: 6485 pcs stock  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

### Specifications of LT8705IFE#PBF

PART NUMBER	LT8705IFE#PBF
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	IC REG CTRLR BUCK-BOOST 38TSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6485 pcs
DATA SHEET	<a href="#">1.LT8705IFE#PBF.pdf</a> <a href="#">2.LT8705IFE#PBF.pdf</a> <a href="#">3.LT8705IFE#PBF.pdf</a> <a href="#">4.LT8705IFE#PBF.pdf</a> <a href="#">5.LT8705IFE#PBF.pdf</a> <a href="#">6.LT8705IFE#PBF.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.8 V ~ 80 V
TOPOLOGY	Buck-Boost
SYNCHRONOUS RECTIFIER	Yes
SUPPLIER DEVICE PACKAGE	38-TSSOP-EP
SERIES	-
SERIAL INTERFACES	-
PACKAGING	Tube
PACKAGE / CASE	38-TFSOP (0.173", 4.40mm Width), 31 Leads, Exposed Pad
OUTPUT TYPE	Transistor Driver
OUTPUT PHASES	2
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF OUTPUTS	2
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Up/Step-Down
FREQUENCY - SWITCHING	100kHz ~ 400kHz
DUTY CYCLE (MAX)	-
DETAILED DESCRIPTION	Buck-Boost Regulator Positive Output Step-Up/Step-Down DC-DC Controller IC 38-TSSOP-EP
CONTROL FEATURES	Enable, Frequency Control, Soft Start
CLOCK SYNC	Yes
BASE PART NUMBER	LT8705

### Related Tags

ADI (Analog Devices, Inc.) LT8705IFE#PBF	LT8705IFE#PBF Distributor	LT8705IFE#PBF Supplier
LT8705IFE#PBF Price	LT8705IFE#PBF Pictures	LT8705IFE#PBF Image
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### Related Products

<p><b>LT8705EUHF#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG CTRLR BUCK-BOOST 38QFN                  In stock: 6207 pcs  <a href="#">RFQ</a></p>	<p><b>LT8705IFE#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG CTRLR BUCK-BOOST 38TSSOP                  In stock: 11741 pcs  <a href="#">RFQ</a></p>
<p><b>LT8705HFE#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG CTRLR BUCK-BOOST 38TSSOP                  In stock: 12286 pcs  <a href="#">RFQ</a></p>	<p><b>LT8705HFE#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG CTRLR BUCK-BOOST 38TSSOP                  In stock: 12764 pcs  <a href="#">RFQ</a></p>
<p><b>LT8705IFE</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK                  In stock: 4169 pcs  <a href="#">RFQ</a></p>	<p><b>LT8705IUHF#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG CTRLR BUCK-BOOST 38QFN                  In stock: 6662 pcs  <a href="#">RFQ</a></p>
<p><b>LT8705HFE</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK                  In stock: 3776 pcs  <a href="#">RFQ</a></p>	<p><b>LT8705EUHF#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG CTRLR BUCK-BOOST 38QFN                  In stock: 6328 pcs  <a href="#">RFQ</a></p>
<p><b>LT8705IUHF#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG CTRLR BUCK-BOOST 38QFN                  In stock: 10690 pcs  <a href="#">RFQ</a></p>	<p><b>LT8705IUHF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK                  In stock: 4965 pcs  <a href="#">RFQ</a></p>
<p><b>LT8705MPFE#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG CTRLR BUCK-BOOST 38TSSOP                  In stock: 2901 pcs  <a href="#">RFQ</a></p>	<p><b>LT8705MPFE</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK                  In stock: 2854 pcs  <a href="#">RFQ</a></p>

