



ADI (Analog Devices, Inc.)

## LT3972HMSE#PBF

Part Number: LT3972HMSE#PBF  
 Manufacturer/Brand: ADI (Analog Devices, Inc.)  
 Product description: IC REG BUCK ADJ 3.5A 10MSOP  
 Datasheets:  
 1.LT3972HMSE#PBF.pdf  
 2.LT3972HMSE#PBF.pdf  
 3.LT3972HMSE#PBF.pdf  
 4.LT3972HMSE#PBF.pdf  
 5.LT3972HMSE#PBF.pdf  
 6.LT3972HMSE#PBF.pdf  
 RoHS Status: Lead free / RoHS Compliant  
 Stock Condition: 8355 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 LT3972HMSE#PBF

PART NUMBER	LT3972HMSE#PBF
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	IC REG BUCK ADJ 3.5A 10MSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8355 pcs
DATA SHEET	<a href="#">1.LT3972HMSE#PBF.pdf</a> <a href="#">2.LT3972HMSE#PBF.pdf</a> <a href="#">3.LT3972HMSE#PBF.pdf</a> <a href="#">4.LT3972HMSE#PBF.pdf</a> <a href="#">5.LT3972HMSE#PBF.pdf</a> <a href="#">6.LT3972HMSE#PBF.pdf</a>
VOLTAGE - OUTPUT (MIN/FIXED)	0.79V
VOLTAGE - OUTPUT (MAX)	30V
VOLTAGE - INPUT (MIN)	3.6V
VOLTAGE - INPUT (MAX)	33V
TOPOLOGY	Buck
SYNCHRONOUS RECTIFIER	No
SUPPLIER DEVICE PACKAGE	10-MSOP-EP
SERIES	-
PACKAGING	Tube
PACKAGE / CASE	10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad
OUTPUT TYPE	Adjustable
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	-40°C ~ 150°C (TJ)
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-Down
FREQUENCY - SWITCHING	230kHz ~ 2.45MHz
DETAILED DESCRIPTION	Buck Switching Regulator IC Positive Adjustable 0.79V 1 Output 3.5A 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad
CURRENT - OUTPUT	3.5A
BASE PART NUMBER	LT3972

### Related Tags

ADI (Analog Devices, Inc.) LT3972HMSE#PBF	LT3972HMSE#PBF Distributor	LT3972HMSE#PBF Supplier
LT3972HMSE#PBF Price	LT3972HMSE#PBF Pictures	LT3972HMSE#PBF Image
LT3972HMSE#PBF PDF Datasheet	LT3972HMSE#PBF Download Datasheet	LT3972HMSE#PBF Datasheet
LT3972HMSE#PBF Stock	Buy LT3972HMSE#PBF	Buy ADI (Analog Devices, Inc.) LT3972HMSE#PBF
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### Related Products

<p><b>LT3972EDD#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 3.5A 10DFN                  In stock: 11409 pcs  <a href="#">RFQ</a></p>	<p><b>LT3972EMSE#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 3.5A 10MSOP                  In stock: 14934 pcs  <a href="#">RFQ</a></p>
<p><b>LT3971IMSE16#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 1.2A 16MSOP                  In stock: 12009 pcs  <a href="#">RFQ</a></p>	<p><b>LT3972EMSE#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 3.5A 10MSOP                  In stock: 9023 pcs  <a href="#">RFQ</a></p>
<p><b>LT3972IDD#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 3.5A 10DFN                  In stock: 9203 pcs  <a href="#">RFQ</a></p>	<p><b>LT3972HMSE#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 3.5A 10MSOP                  In stock: 12196 pcs  <a href="#">RFQ</a></p>
<p><b>LT3973EDD#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 0.75A 10DFN                  In stock: 17338 pcs  <a href="#">RFQ</a></p>	<p><b>LT3972IMSE#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 3.5A 10MSOP                  In stock: 8454 pcs  <a href="#">RFQ</a></p>
<p><b>LT3971IMSE16#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 1.2A 16MSOP                  In stock: 25000 pcs  <a href="#">RFQ</a></p>	<p><b>LT3972EDD#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 3.5A 10DFN                  In stock: 16570 pcs  <a href="#">RFQ</a></p>
<p><b>LT3972IDD#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 3.5A 10DFN                  In stock: 15507 pcs  <a href="#">RFQ</a></p>	<p><b>LT3972IMSE#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 3.5A 10MSOP                  In stock: 14805 pcs  <a href="#">RFQ</a></p>

