



ADI (Analog Devices, Inc.)

## LT8642SEV#PBF

Part Number: LT8642SEV#PBF  
 Manufacturer/Brand: ADI (Analog Devices, Inc.)  
 Product description: 18V, 10A SYNCHRONOUS STEP-DOWN S  
 Datasheets:  
 1.LT8642SEV#PBF.pdf  
 2.LT8642SEV#PBF.pdf  
 3.LT8642SEV#PBF.pdf  
 4.LT8642SEV#PBF.pdf  
 5.LT8642SEV#PBF.pdf  
 6.LT8642SEV#PBF.pdf  
 RoHS Status: RoHS Compliant  
 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 LT8642SEV#PBF

PART NUMBER	LT8642SEV#PBF
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	18V, 10A SYNCHRONOUS STEP-DOWN S
LEAD FREE STATUS / ROHS STATUS	RoHS Compliant
DATA SHEET	<a href="#">1.LT8642SEV#PBF.pdf</a> <a href="#">2.LT8642SEV#PBF.pdf</a> <a href="#">3.LT8642SEV#PBF.pdf</a> <a href="#">4.LT8642SEV#PBF.pdf</a> <a href="#">5.LT8642SEV#PBF.pdf</a> <a href="#">6.LT8642SEV#PBF.pdf</a>
VOLTAGE - OUTPUT (MIN/FIXED)	0.597V
VOLTAGE - OUTPUT (MAX)	3.3V
VOLTAGE - INPUT (MIN)	2.8V
VOLTAGE - INPUT (MAX)	18V
TOPOLOGY	Buck
SYNCHRONOUS RECTIFIER	Yes
SUPPLIER DEVICE PACKAGE	24-LQFN (4x4)
SERIES	-
ROHS STATUS	RoHS Compliant
PACKAGING	Tray
PACKAGE / CASE	24-TFQFN Exposed Pad
OUTPUT TYPE	Adjustable
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF OUTPUTS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
FUNCTION	Step-Down
FREQUENCY - SWITCHING	200kHz ~ 3MHz
DETAILED DESCRIPTION	Buck Switching Regulator IC Positive Adjustable 0.597V 1 Output 10A 24-TFQFN Exposed Pad
CURRENT - OUTPUT	10A

### Related Tags

ADI (Analog Devices, Inc.) LT8642SEV#PBF	LT8642SEV#PBF Distributor	LT8642SEV#PBF Supplier
LT8642SEV#PBF Price	LT8642SEV#PBF Pictures	LT8642SEV#PBF Image
LT8642SEV#PBF PDF Datasheet	LT8642SEV#PBF Download Datasheet	LT8642SEV#PBF Datasheet
LT8642SEV#PBF Stock	Buy LT8642SEV#PBF	Buy ADI (Analog Devices, Inc.) LT8642SEV#PBF
ADI (Analog Devices, Inc.) LT8642SEV#PBF	ADI (Analog Devices, Inc.) Supplier	ADI (Analog Devices, Inc.) Distributor
ADI (Analog Devices, Inc.) LT8642SEV#PBF	AD LT8642SEV#PBF	ADI (Analog Devices, Inc.) LT8642SEV#PBF
Analog Devices Inc. LT8642SEV#PBF	Analog Devices, Inc. LT8642SEV#PBF	

### Related Products

<p><b>LT8641EUCD#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 3.5A SYNC 18QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>LT8641HUDC#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: 65V, 3.5A SYNCHRONOUS STEP-DOWN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>LT8645SIV#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 7A 65V 32LQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>LT8642SIV#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: 18V, 10A SYNCHRONOUS STEP-DOWN S                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>LT8641HUDC#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: 65V, 3.5A SYNCHRONOUS STEP-DOWN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>LT8646SIV#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: 65V, 7A SYNC BUCK (8645S W/ EXTE                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>LT8650SEV#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK DL 42V 5A SYNC 32LGA                  In stock: 148 pcs  <a href="#">RFQ</a></p>	<p><b>LT8641IUCD#TRPBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 3.5A SYNC 18QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>LT8641IUCD#PBF</b>                  Manufacturers: Linear Technology                  Description: IC REG BUCK ADJ 3.5A SYNC 18QFN                  In stock: 409 pcs  <a href="#">RFQ</a></p>	<p><b>LT8643SIV#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK SYNC 42V 7A 24 LGA                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>LT8641EUCD#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 3.5A SYNC 18QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>LT8645SEV#PBF</b>                  Manufacturers: ADI (Analog Devices, Inc.)                  Description: IC REG BUCK ADJ 7A 65V 32LQFN                  In stock: Out stock  <a href="#">RFQ</a></p>