

LT3976IMSE#PBF



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See Product Specifications for product details.  
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**Part Number:** [LT3976IMSE#PBF](#)

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

**Description:** IC REG BUCK ADJ 5A 16-MSOP

**Data sheet:**  [Mac OS X Shortcuts](#)  
 [LTspice Flyer](#)  
 [LTspice IV Getting Started Guide](#)  
 [LT3976 Datasheet](#)  
 [LTpowerCAD II User Guide](#)  
 [LTpowerCAD II Quick Start Guide](#)

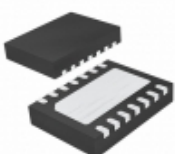
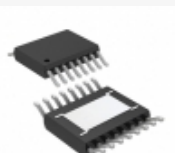
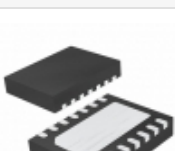
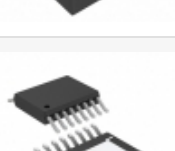
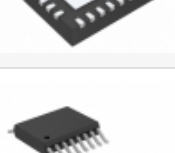
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                |                                  |                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LT3976IMSE#PBF                                                                                                 | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG BUCK ADJ 5A 16-MSOP                                                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20365 pcs                                                                                                      | Data sheet                       | <a href="#">Mac OS X Shortcuts</a><br><a href="#">LTspice Flyer</a><br><a href="#">LTspice IV Getting Started</a><br><a href="#">LT3976 Datasheet</a><br><a href="#">LTpowerCAD II User Guide</a><br><a href="#">LTpowerCAD II Quick Start Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                                                      | Voltage - Output (Min/Fixed)     | 1.197V                                                                                                                                                                                                                                               |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 38.8V                                                                                                          | Voltage - Input (Min)            | 4.3V                                                                                                                                                                                                                                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 40V                                                                                                            | Topology                         | Buck                                                                                                                                                                                                                                                 |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No                                                                                                             | Supplier Device Package          | 16-MSOP-EP                                                                                                                                                                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                                                              | Packaging                        | Tube                                                                                                                                                                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16-TFSOP (0.118", 3.00mm Width) Exposed Pad                                                                    | Output Type                      | Adjustable                                                                                                                                                                                                                                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Positive                                                                                                       | Other Names                      | LT3976IMSEPBF                                                                                                                                                                                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 125°C (TJ)                                                                                             | Number of Outputs                | 1                                                                                                                                                                                                                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Surface Mount                                                                                                  | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14 Weeks                                                                                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                           |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Step-Down                                                                                                      | Frequency - Switching            | 200kHz ~ 2.25MHz                                                                                                                                                                                                                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Buck Switching Regulator IC Positive Adjustable 1.197V 1 Output 5A 16-TFSOP (0.118", 3.00mm Width) Exposed Pad | Current - Output                 | 5A                                                                                                                                                                                                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LT3976                                                                                                         |                                  |                                                                                                                                                                                                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 20365 pieces of ADI (Analog Devices, Inc.) LT3976IMSE#PBF in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                                |                                  |                                                                                                                                                                                                                                                      |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                           |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|
|  | Part#: <a href="#">LT3975IMSE#PBF</a><br>Description: IC REG BUCK ADJ 2.5A 16MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT3980HMSE#PBF</a><br>Description: IC REG BUCK ADJ 2A 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT3980EDE#PBF</a><br>Description: IC REG BUCK ADJ 2A 14DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT3980EMSE#PBF</a><br>Description: IC REG BUCK ADJ 2A 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT3976IUDD</a><br>Description: IC REGULATOR                      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT3976EMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 5A 16-MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT3976IMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 5A 16-MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT3975IMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 2.5A 16MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">LT3976IUDD#TRPBF</a><br>Description: IC REG BUCK ADJ 5A 24QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LT3975HMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 2.5A 16MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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| Related keywords for LT3976IMSE#PBF       |                            |                                           |                                    |
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