



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

LT1171HVCQ#PBF

|                       |                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:          | LT1171HVCQ#PBF                                                                                               |
| Manufacturer/Brand:   | ADI (Analog Devices, Inc.)                                                                                   |
| Product description   | IC REG MULT CONFIG INV ADJ 5DDPAK                                                                            |
| Datasheets:           |  1.LT1171HVCQ#PBF.pdf       |
|                       |  2.LT1171HVCQ#PBF.pdf       |
|                       |  3.LT1171HVCQ#PBF.pdf       |
|                       |  4.LT1171HVCQ#PBF.pdf       |
|                       |  5.LT1171HVCQ#PBF.pdf       |
|                       |  6.LT1171HVCQ#PBF.pdf       |
|                       |  7.LT1171HVCQ#PBF.pdf       |
|                       |  8.LT1171HVCQ#PBF.pdf       |
|                       |  9.LT1171HVCQ#PBF.pdf       |
| RoHs Status           |  Lead free / RoHS Compliant |
| REQUEST FOR QUOTATION |                                                                                                              |
| Ship From             | Hong Kong                                                                                                    |
| Shipment Way          | DHL/Fedex/TNT/UPS/EMS                                                                                        |

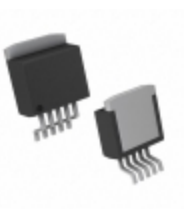
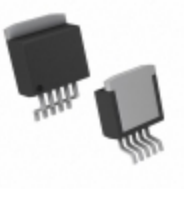
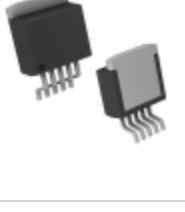
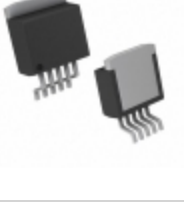
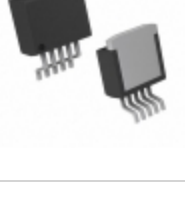
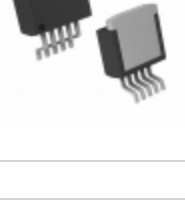
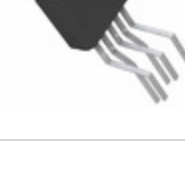
Specifications of LT1171HVCQ#PBF

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LT1171HVCQ#PBF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC REG MULT CONFIG INV ADJ 5DDPAK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 6917 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.LT1171HVCQ#PBF.pdf<br> 2.LT1171HVCQ#PBF.pdf<br> 3.LT1171HVCQ#PBF.pdf<br> 4.LT1171HVCQ#PBF.pdf<br> 5.LT1171HVCQ#PBF.pdf<br> 6.LT1171HVCQ#PBF.pdf<br> 7.LT1171HVCQ#PBF.pdf<br> 8.LT1171HVCQ#PBF.pdf<br> 9.LT1171HVCQ#PBF.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.244V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| VOLTAGE - OUTPUT (MAX)           | 75V (Switch)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| VOLTAGE - INPUT (MIN)            | 3V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| VOLTAGE - INPUT (MAX)            | 60V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| TOPOLOGY                         | Buck, Boost, Cuk, Flyback, Forward Converter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 5-DDPAK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | TO-263-6, D²Pak (5 Leads + Tab), TO-263BA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OUTPUT TYPE                      | Adjustable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| OUTPUT CONFIGURATION             | Positive or Negative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OTHER NAMES                      | LT1171HVCQPBF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | 0°C ~ 100°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-Up, Step-Down, Step-Up/Step-Down                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| FREQUENCY - SWITCHING            | 100kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | Buck, Boost, Cuk, Flyback, Forward Converter Switching Regulator IC Positive or Negative Adjustable 1.244V 1 Output 2.5A (Switch) TO-263-6, D²Pak (5 Leads + Tab), TO-263BA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CURRENT - OUTPUT                 | 2.5A (Switch)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | LT1171                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                           |                                     |                                               |
|-------------------------------------------|-------------------------------------|-----------------------------------------------|
| ADI (Analog Devices, Inc.) LT1171HVCQ#PBF | LT1171HVCQ#PBF Distributor          | LT1171HVCQ#PBF Supplier                       |
| LT1171HVCQ#PBF Price                      | LT1171HVCQ#PBF Pictures             | LT1171HVCQ#PBF Image                          |
| LT1171HVCQ#PBF PDF Datasheet              | LT1171HVCQ#PBF Download Datasheet   | LT1171HVCQ#PBF Datasheet                      |
| LT1171HVCQ#PBF Stock                      | Buy LT1171HVCQ#PBF                  | Buy ADI (Analog Devices, Inc.) LT1171HVCQ#PBF |
| ADI (Analog Devices, Inc.) LT1171HVCQ#PBF | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor        |
| ADI (Analog Devices, Inc.) LT1171HVCQ#PBF | AD LT1171HVCQ#PBF                   | ADI (Analog Devices, Inc.) LT1171HVCQ#PBF     |
| Analog Devices Inc. LT1171HVCQ#PBF        | Analog Devices, Inc. LT1171HVCQ#PBF |                                               |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
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|  <div><b>LT1171CT#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG MULT CONFIG INV ADJ TO220<br/>In stock: 10821 pcs</div> <div>RFQ</div>      |  <div><b>LT1171HVIQ#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG MULT CONFIG INV ADJ 5DDPAK<br/>In stock: 7250 pcs</div> <div>RFQ</div>    |
|  <div><b>LT1171HVCT#30PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG MULT CONFIG INV ADJ TO220<br/>In stock: 15238 pcs</div> <div>RFQ</div>  |  <div><b>LT1171CQ#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG MULT CONFIG INV ADJ 5DDPAK<br/>In stock: 19919 pcs</div> <div>RFQ</div>   |
|  <div><b>LT1171HVIQ#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG MULT CONFIG INV ADJ 5DDPAK<br/>In stock: 11617 pcs</div> <div>RFQ</div> |  <div><b>LT1171HVCQ#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG MULT CONFIG INV ADJ 5DDPAK<br/>In stock: 12961 pcs</div> <div>RFQ</div> |
|  <div><b>LT1171CQ#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG MULT CONFIG INV ADJ 5DDPAK<br/>In stock: 11019 pcs</div> <div>RFQ</div>     |  <div><b>LT1171CT#06PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG MULT CONFIG INV ADJ TO220<br/>In stock: 10246 pcs</div> <div>RFQ</div>    |
|  <div><b>LT1170IQ#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG MULT CONFIG INV ADJ DDPAK<br/>In stock: 10659 pcs</div> <div>RFQ</div>    |  <div><b>LT1171HVIT#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG MULT CONFIG INV ADJ TO220<br/>In stock: 13485 pcs</div> <div>RFQ</div>    |
|  <div><b>LT1171HVCT#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG MULT CONFIG INV ADJ TO220<br/>In stock: 8964 pcs</div> <div>RFQ</div>     |  <div><b>LT1170IT#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG MULT CONFIG INV ADJ TO220<br/>In stock: 6246 pcs</div> <div>RFQ</div>       |

