



ADI (Analog Devices, Inc.)

LT3580EMS8E#PBF

Part Number: LT3580EMS8E#PBF
 Manufacturer/Brand: ADI (Analog Devices, Inc.)
 Product description: IC REG MULT CONFIG INV ADJ 8MSOP
 Datasheets:
 1.LT3580EMS8E#PBF.pdf
 2.LT3580EMS8E#PBF.pdf
 3.LT3580EMS8E#PBF.pdf
 4.LT3580EMS8E#PBF.pdf
 5.LT3580EMS8E#PBF.pdf
 6.LT3580EMS8E#PBF.pdf
 RoHS Status: Lead free / RoHS Compliant
 Stock Condition: 22914 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 LT3580EMS8E#PBF

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| PART NUMBER | LT3580EMS8E#PBF |
| MANUFACTURER | ADI (Analog Devices, Inc.) |
| DESCRIPTION | IC REG MULT CONFIG INV ADJ 8MSOP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 22914 pcs |
| DATA SHEET | 1.LT3580EMS8E#PBF.pdf 2.LT3580EMS8E#PBF.pdf 3.LT3580EMS8E#PBF.pdf 4.LT3580EMS8E#PBF.pdf 5.LT3580EMS8E#PBF.pdf 6.LT3580EMS8E#PBF.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED) | 5V |
| VOLTAGE - OUTPUT (MAX) | 42V (Switch) |
| VOLTAGE - INPUT (MIN) | 2.5V |
| VOLTAGE - INPUT (MAX) | 32V |
| TOPOLOGY | Boost, Cuk, SEPIC |
| SYNCHRONOUS RECTIFIER | No |
| SUPPLIER DEVICE PACKAGE | 8-MSOP-EP |
| SERIES | - |
| PACKAGING | Tube |
| PACKAGE / CASE | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad |
| OUTPUT TYPE | Adjustable |
| OUTPUT CONFIGURATION | Positive or Negative |
| OTHER NAMES | LT3580EMS8EPBF |
| OPERATING TEMPERATURE | -40°C ~ 125°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-Up/Step-Down |
| FREQUENCY - SWITCHING | 200kHz ~ 2MHz |
| DETAILED DESCRIPTION | Boost, Cuk, SEPIC Switching Regulator IC Positive or Negative Adjustable 5V 1 Output 2A (Switch) 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad |
| CURRENT - OUTPUT | 2A (Switch) |
| BASE PART NUMBER | LT3580 |

Related Tags

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| Analog Devices Inc. LT3580EMS8E#PBF | Analog Devices, Inc. LT3580EMS8E#PBF | |

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| <p>LT3580IDD#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG MULT CONFIG INV ADJ 8DFN In stock: 16505 pcs RFQ</p> | <p>LT3580EMS8E#TRPBF Manufacturers: Linear Technology Description: IC REG MULT CONFIG INV ADJ 8MSOP In stock: 34053 pcs RFQ</p> |
| <p>LT3580HMS8E#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG MULT CONFIG INV ADJ 8MSOP In stock: 24321 pcs RFQ</p> | <p>LT3579IUFD#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG MULT CONFIG INV ADJ 20QFN In stock: 13270 pcs RFQ</p> |
| <p>LT3580EDD#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG MULT CONFIG INV ADJ 8DFN In stock: 25906 pcs RFQ</p> | <p>LT3580EDD#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG MULT CONFIG INV ADJ 8DFN In stock: 40461 pcs RFQ</p> |
| <p>LT3579IUFD-1#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG MULT CONFIG INV ADJ 20QFN In stock: 21000 pcs RFQ</p> | <p>LT3579IUFD#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG MULT CONFIG INV ADJ 20QFN In stock: 20276 pcs RFQ</p> |
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| <p>LT3580IMS8E#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG MULT CONFIG INV ADJ 8MSOP In stock: 19927 pcs RFQ</p> | <p>LT3580IDD#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG MULT CONFIG INV ADJ 8DFN In stock: 17971 pcs RFQ</p> |

