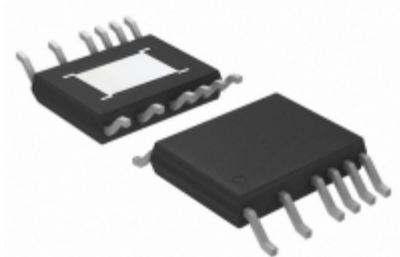


LTC3630HMSE#PBF



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [LTC3630HMSE#PBF](#)

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

**Description:** IC REG BUCK INV 0.5A SYNC 16MSOP

**Data sheet:**  [LTC3630 Datasheet](#)  
 [Mac OS X Shortcuts](#)  
 [LTspice Flyer](#)  
 [LTspice IV Getting Started Guide](#)

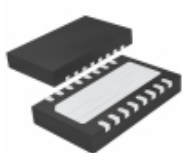
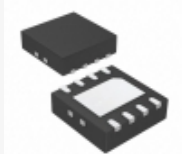
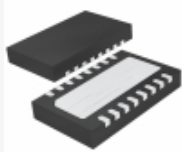
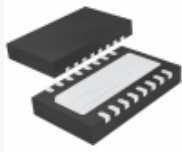
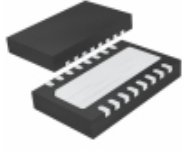
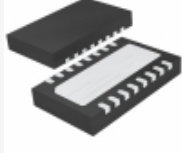
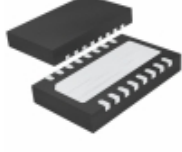
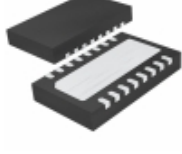
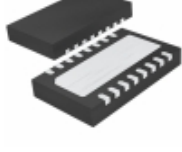
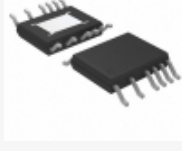
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                       |                                 |                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LTC3630HMSE#PBF                                       | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BUCK INV 0.5A SYNC 16MSOP                      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17429 pcs                                             | Data sheet                      | <a href="#">LTC3630 Datasheet</a><br><a href="#">Mac OS X Shortcuts</a><br><a href="#">LTspice Flyer</a><br><a href="#">LTspice IV Getting Started Guide</a>          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>             | Voltage - Output (Min/Fixed)    | 0.8V (1.8V, 3.3V, 5V)                                                                                                                                                 |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 65V                                                   | Voltage - Input (Min)           | 4V                                                                                                                                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 65V                                                   | Topology                        | Buck                                                                                                                                                                  |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yes                                                   | Supplier Device Package         | 16-MSOP-EP                                                                                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                     | Packaging                       | Tube                                                                                                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-TFSOP (0.118", 3.00mm Width) Exposed Pad, 12 Leads | Output Type                     | Adjustable (Programmable)                                                                                                                                             |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive or Negative                                  | Operating Temperature           | -40°C ~ 150°C (TJ)                                                                                                                                                    |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                     | Mounting Type                   | Surface Mount                                                                                                                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                                         | Manufacturer Standard Lead Time | 12 Weeks                                                                                                                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                            | Function                        | Step-Down                                                                                                                                                             |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                     | Detailed Description            | Buck Switching Regulator IC Positive or Negative Adjustable (Programmable) 0.8V (1.8V, 3.3V, 5V) 1 Output 500mA 16-TFSOP (0.118", 3.00mm Width) Exposed Pad, 12 Leads |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 500mA                                                 | Base Part Number                | LTC3630                                                                                                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 17429 pieces of ADI (Analog Devices, Inc.) LTC3630HMSE#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="#">LTC3630EDHC#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3631EDD#PBF</a><br>Description: IC REG BUCK INV ADJ 0.1A 8DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630EMSE#TRPBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630IDHC#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630HMSE#TRPBF</a><br>Description: IC LINEAR                          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630EDHC#TRPBF</a><br>Description: IC REG BUCK SYNC PROG 0.5A 16DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630IMSE#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630HDHC#TRPBF</a><br>Description: IC REG BUCK SYNC PROG 0.5A 16DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630MPDHC#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16DFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630MPMSE#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630MPMSE#TRPBF</a><br>Description: IC REG BCK SYNC PROG 0.5A 16MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630AMPDHC#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630IDHC#TRPBF</a><br>Description: IC LINEAR                          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630AMPMSE#TRPBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630MPDHC#TRPBF</a><br>Description: IC REG BUCK SYNC PROG 0.5A 16DFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630AMPDHC#TRPBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16DFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630HDHC#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630IMSE#TRPBF</a><br>Description: IC REG BCK SYNC PROG 0.5A 16MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630EMSE#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC3630AMPMSE#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |

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| Analog Devices, Inc. LTC3630HMSE#PBF       |                             |                                            |                                     |

