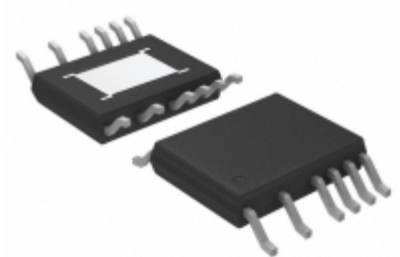


LTC3630HMSE#TRPBF



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

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

Description: IC LINEAR

Data sheet:

 [LTC3630 Datasheet](#)

 [Mac OS X Shortcuts](#)

 [LTspice Flyer](#)

 [LTspice IV Getting Started Guide](#)

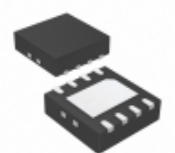
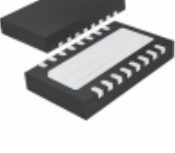
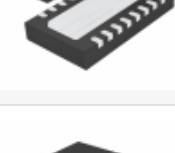
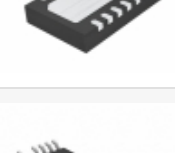
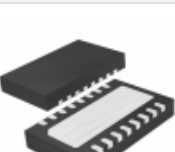
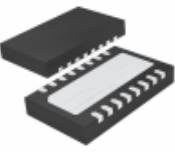
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                       |                                 |                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LTC3630HMSE#TRPBF                                     | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC LINEAR                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 23158 pcs                                             | Data sheet                      | <a href="#">LTC3630 Datasheet</a>                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                                 | <a href="#">Mac OS X Shortcuts</a>                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                                 | <a href="#">LTspice Flyer</a>                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                                 | <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                       | Tape & Reel (TR)                                                                                                                                                      |
| 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                                                                                                                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                           |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC3631EDD#TRPBF</a><br>Description: IC REG BUCK INV ADJ 0.1A 8DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630MPMSE#TRPBF</a><br>Description: IC REG BCK SYNC PROG 0.5A 16MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630EDHC#TRPBF</a><br>Description: IC REG BUCK SYNC PROG 0.5A 16DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630HDHC#TRPBF</a><br>Description: IC REG BUCK SYNC PROG 0.5A 16DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630EDHC#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630HDHC#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630MPDHC#TRPBF</a><br>Description: IC REG BUCK SYNC PROG 0.5A 16DFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630IMSE#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630HMSE#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630IMSE#TRPBF</a><br>Description: IC REG BCK SYNC PROG 0.5A 16MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630EMSE#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630AMPMSE#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630MPDHC#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16DFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630EMSE#TRPBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630IDHC#TRPBF</a><br>Description: IC LINEAR                          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630IDHC#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630AMPMSE#TRPBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630AMPDHC#TRPBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16DFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3630MPMSE#PBF</a><br>Description: IC REG BUCK INV 0.5A SYNC 16MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3631EDD#PBF</a><br>Description: IC REG BUCK INV ADJ 0.1A 8DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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