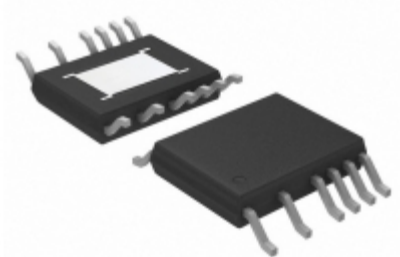


LTC3638MPMSE#PBF



Images are for reference only.  
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**Part Number:** [LTC3638MPMSE#PBF](#)

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

**Description:** IC REG BUCK ADJ 0.25A 16MSOP

**Data sheet:**  [Mac OS X Shortcuts](#)  
 [LTspice Flyer](#)  
 [LTspice IV Getting Started Guide](#)  
 [LTC3638 Datasheet](#)

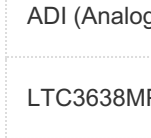
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                       |                                 |                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LTC3638MPMSE#PBF                                      | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BUCK ADJ 0.25A 16MSOP                          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7086 pcs                                              | Data sheet                      | <a href="#">Mac OS X Shortcuts</a><br><a href="#">LTspice Flyer</a><br><a href="#">LTspice IV Getting Started Guide</a><br><a href="#">LTC3638 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>             | Voltage - Output (Min/Fixed)    | 0.8V                                                                                                                                                         |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 140V                                                  | Voltage - Input (Min)           | 4V                                                                                                                                                           |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 140V                                                  | 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, 12 Leads | Output Type                     | Adjustable                                                                                                                                                   |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                              | Operating Temperature           | -55°C ~ 150°C (TJ)                                                                                                                                           |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                     | Mounting Type                   | Surface Mount                                                                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                                         | Manufacturer Standard Lead Time | 16 Weeks                                                                                                                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                            | Function                        | Step-Down                                                                                                                                                    |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                     | Detailed Description            | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 250mA 16-TFSOP (0.118", 3.00mm Width) Exposed Pad, 12 Leads                                    |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 250mA                                                 | Base Part Number                | LTC3638                                                                                                                                                      |
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|  | Part#: <a href="#">LTC3638HMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 0.25A 16MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3638IMSE#PBF</a><br>Description: IC REG BUCK ADJ 0.25A 16MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3637MPMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 1A 16MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3639MPMSE#PBF</a><br>Description: IC REG BUCK ADJ 0.1A SYNC 16MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3639IMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 0.1A SYNC 16MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3637MPDHC#PBF</a><br>Description: IC REG BUCK ADJ 1A 16DFN           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3639HMSE#PBF</a><br>Description: IC REG BUCK ADJ 0.1A SYNC 16MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3638MPMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 0.25A 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3637MPDHC#TRPBF</a><br>Description: IC REG BUCK ADJ 1A 16DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3639EMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 0.1A SYNC 16MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3637MPMSE#PBF</a><br>Description: IC REG BUCK ADJ 1A 16MSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3638EMSE#PBF</a><br>Description: IC REG BUCK ADJ 0.25A 16MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3639IMSE#PBF</a><br>Description: IC REG BUCK ADJ 0.1A SYNC 16MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3642EDD#PBF</a><br>Description: IC REG BUCK ADJ 50MA SYNC 8DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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