

LTC2637HDE-LMI8#PBF





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Part Number: [LTC2637HDE-LMI8#PBF](#)

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

Description: IC DAC 8BIT I2C OCTAL 14DFN

Data sheet:  [LTC2637](#)

RoHs Status: Lead free / RoHS Compliant

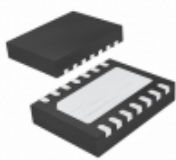
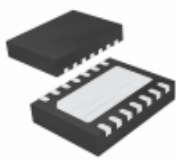
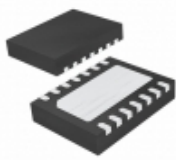
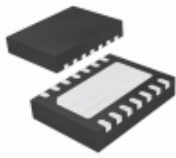
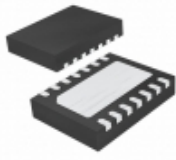
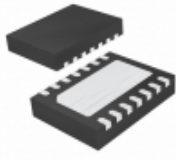
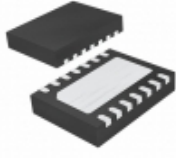
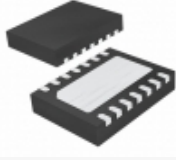
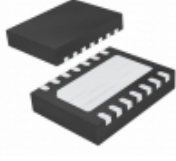
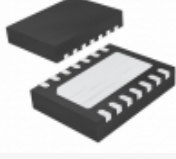
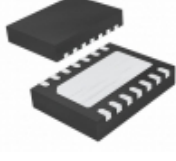
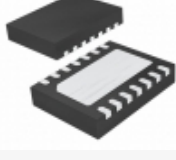
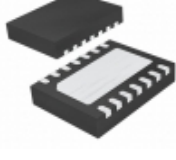
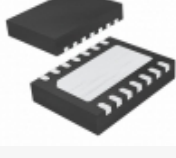
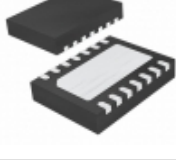
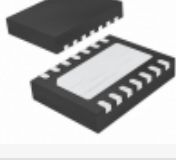
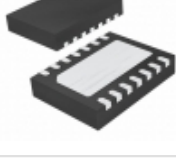
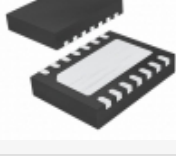
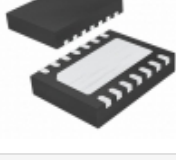
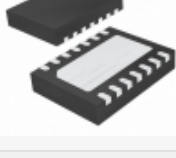
Ship From: Hong Kong

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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                 |                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | LTC2637HDE-LMI8#PBF                       | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC DAC 8BIT I2C OCTAL 14DFN               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 21411 pcs                                 | Data sheet                      | <a href="#">LTC2637</a>                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 2.7 V ~ 5.5 V                                    |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2.7 V ~ 5.5 V                             | Supplier Device Package         | 14-DFN (4x3)                                     |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3.5µs (Typ)                               | Series                          | -                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | External, Internal                        | Packaging                       | Tube                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14-WDFDN Exposed Pad                      | Output Type                     | Voltage - Buffered                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 125°C                             | Number of D/A Converters        | 8                                                |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8                                         | Mounting Type                   | Surface Mount                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 14 Weeks                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                | INL/DNL (LSB)                   | ±0.05, ±0.5 (Max)                                |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | No                                        | Detailed Description            | 8 Bit Digital to Analog Converter 8 14-DFN (4x3) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | I <sup>2</sup> C                          | Base Part Number                | LTC2637                                          |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         |                                 |                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                           |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC2637HDE-LMI12#TRPBF</a><br>Description: IC DAC 12BIT I2C OCTAL 14DFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC2637HDE-LMX12#PBF</a><br>Description: IC DAC 12BIT I2C OCTAL 14DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC2637HDE-HZ8#TRPBF</a><br>Description: IC DAC 8BIT I2C OCTAL 14DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2637HDE-LMX8#TRPBF</a><br>Description: IC DAC 8BIT I2C OCTAL 14DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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Related keywords for LTC2637HDE-LMI8#PBF

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