

LTC2637HMS-HMI10#PBF





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Part Number: [LTC2637HMS-HMI10#PBF](#)

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

Description: IC DAC 10BIT I2C OCTAL 16MSOP

Data sheet:  [LTC2637](#)

RoHs Status: Lead free / RoHS Compliant

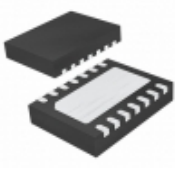
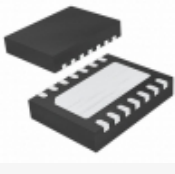
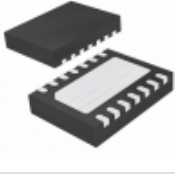
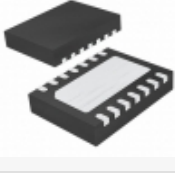
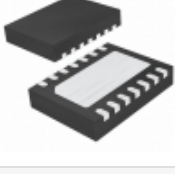
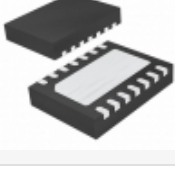
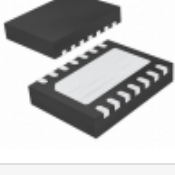
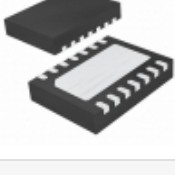
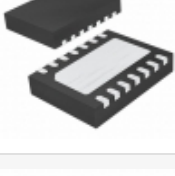
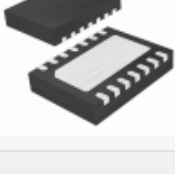
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                 |                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LTC2637HMS-HMI10#PBF                      | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC DAC 10BIT I2C OCTAL 16MSOP             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 14671 pcs                                 | Data sheet                      | <a href="#">LTC2637</a>                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                           |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5V                                        | Supplier Device Package         | 16-MSOP                                      |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.3µs (Typ)                               | Series                          | -                                            |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | External, Internal                        | Packaging                       | Tube                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 16-TFSOP (0.118", 3.00mm Width)           | Output Type                     | Voltage - Buffered                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 125°C                             | Number of D/A Converters        | 8                                            |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10                                        | 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)                   | ±0.2, ±0.5 (Max)                             |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No                                        | Detailed Description            | 10 Bit Digital to Analog Converter 8 16-MSOP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | I²C                                       | Base Part Number                | LTC2637                                      |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         |                                 |                                              |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                           |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC2637HDE-LZ8#PBF</a><br>Description: IC DAC 8BIT I2C OCTAL 14DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2637HMS-HMX12#PBF</a><br>Description: IC DAC 12BIT I2C OCTAL 16MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2637HMS-HMI8#PBF</a><br>Description: IC DAC 8BIT I2C OCTAL 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC2637HDE-LZ10#TRPBF</a><br>Description: IC DAC 10BIT I2C OCTAL 14DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2637HMS-HMX12#TRPBF</a><br>Description: IC DAC 12BIT I2C OCTAL 16MSOP | 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> |
|  | 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> |
|  | Part#: <a href="#">LTC2637HDE-LMX8#PBF</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 LTC2637HMS-HMI10#PBF       |                                                 |                                |                                                 |
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