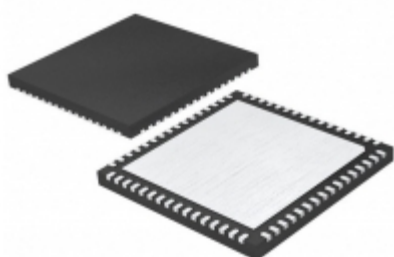


LTC2140IUP-12#PBF





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Part Number: [LTC2140IUP-12#PBF](#)

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

Description: IC ADC DUAL 12BIT 25MSPS 64-QFN

Data sheet:  [LTC2142/41/40-12](#)

RoHs Status: Lead free / RoHS Compliant

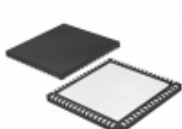
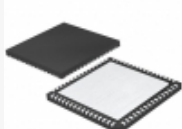
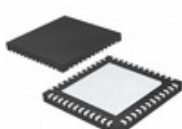
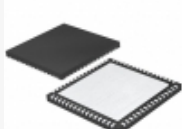
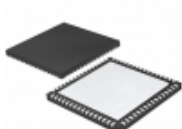
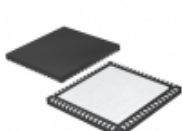
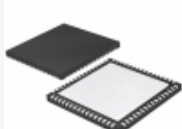
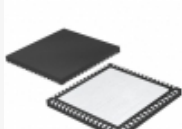
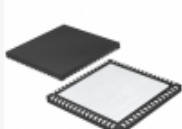
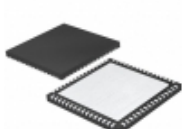
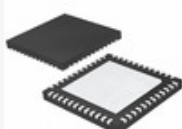
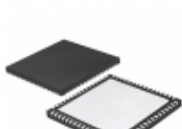
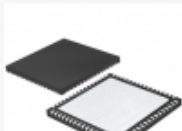
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                 |                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC2140IUP-12#PBF                         | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC ADC DUAL 12BIT 25MSPS 64-QFN           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5161 pcs                                  | Data sheet                      | <a href="#">LTC2142/41/40-12</a>                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 1.7 V ~ 1.9 V                                                       |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.7 V ~ 1.9 V                             | Supplier Device Package         | 64-QFN (9x9)                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Sampling Rate (Per Second)      | 25M                                                                 |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | External, Internal                        | Ratio - S/H:ADC                 | 1:1                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube                                      | Package / Case                  | 64-WFQFN Exposed Pad                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 85°C                              | Number of Inputs                | 2                                                                   |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 12                                        | Number of A/D Converters        | 2                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 14 Weeks                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Lead free / RoHS Compliant                | Input Type                      | Differential                                                        |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Simultaneous Sampling                     | Detailed Description            | 12 Bit Analog to Digital Converter 2 Input 2 Pipelined 64-QFN (9x9) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LVDS - Parallel, Parallel                 | Configuration                   | S/H-ADC                                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LTC2140                                   | Architecture                    | Pipelined                                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 5161 pieces of ADI (Analog Devices, Inc.) LTC2140IUP-12#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="#">LTC2141CUP-14#PBF</a><br>Description: IC ADC DUAL 14BIT 40 MSPS 64-QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2141CUP-14#TRPBF</a><br>Description: IC ADC DUAL 14BIT 40 MSPS 64-QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2140IUP-14</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2123IUK</a><br>Description: IC ADC                                    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2123IUK#PBF</a><br>Description: IC ADC 14BIT 250MSPS 48QFN            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2140IUP-12#TRPBF</a><br>Description: IC ADC DUAL 12BIT 25MSPS 64-QFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2140CUP-12#PBF</a><br>Description: IC ADC DUAL 12BIT 25MSPS 64-QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2140CUP-14</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2140IUP-14#PBF</a><br>Description: IC ADC DUAL 14BIT 25 MSPS 64-QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2140CUP-12#TRPBF</a><br>Description: IC ADC 12BIT SPI 25MSPS DL 64QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2140CUP-12</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2140CUP-14#TRPBF</a><br>Description: IC ADC DUAL 14BIT 25 MSPS 64-QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2141CUP-12</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2140IUP-14#TRPBF</a><br>Description: IC ADC DUAL 14BIT 25 MSPS 64-QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2141CUP-12#PBF</a><br>Description: IC ADC DUAL 12BIT 40MSPS 64-QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2123IUK#TRPBF</a><br>Description: IC ADC 14BIT 250MSPS 48QFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2140IUP-12</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2141CUP-14</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2141CUP-12#TRPBF</a><br>Description: IC ADC DUAL 12BIT 40MSPS 64-QFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2140CUP-14#PBF</a><br>Description: IC ADC DUAL 14BIT 25 MSPS 64-QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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