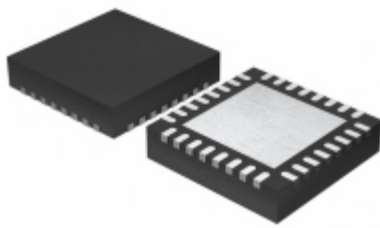


LTC2227IUH#PBF



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [LTC2227IUH#PBF](#)

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

**Description:** IC ADC 12BIT 40MSPS SAMPL 32-QFN

**Data sheet:**  [LTC2228/27/26](#)

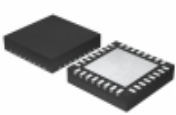
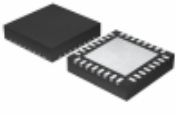
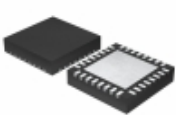
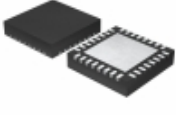
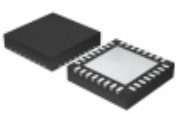
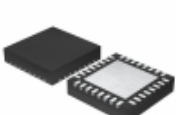
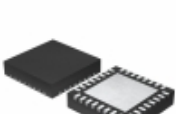
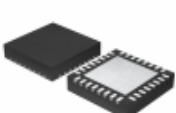
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |                                  |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LTC2227IUH#PBF                                                      | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC ADC 12BIT 40MSPS SAMPL 32-QFN                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8117 pcs                                                            | Data sheet                       | <a href="#">LTC2228/27/26</a>              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                           | Voltage - Supply, Digital        | 2.7 V ~ 3.4 V                              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2.7 V ~ 3.4 V                                                       | Supplier Device Package          | 32-QFN (5x5)                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                   | Sampling Rate (Per Second)       | 40M                                        |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | External, Internal                                                  | Ratio - S/H:ADC                  | 1:1                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tube                                                                | Package / Case                   | 32-WQFN Exposed Pad                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LTC2227IUHPBF                                                       | Operating Temperature            | -40°C ~ 85°C                               |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                   | Number of Bits                   | 12                                         |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                                   | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 14 Weeks                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Differential, Single Ended                                          | Features                         | -                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12 Bit Analog to Digital Converter 1 Input 1 Pipelined 32-QFN (5x5) | Data Interface                   | Parallel                                   |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S/H-ADC                                                             | Base Part Number                 | LTC2227                                    |
| 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 8117 pieces of ADI (Analog Devices, Inc.) LTC2227IUH#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="#">LTC2222CN#PBF</a><br>Description: IC SWITCH QUAD SPST 16DIP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2226HLX#PBF</a><br>Description: IC ADC 12BIT 25MSPS 48-LQFP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2228CUH#PBF</a><br>Description: IC ADC 12BIT 65MSPS SAMPL 32-QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2226HLX</a><br>Description: IC ADC                                 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2228CUH#TRPBF</a><br>Description: IC ADC 12BIT 65MSPS SAMPL 32-QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2228IUH#TRPBF</a><br>Description: IC ADC 12BIT 65MSPS SAMPL 32-QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2225IUH#TRPBF</a><br>Description: IC ADC 12BIT 10MSPS 3V 32-QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2229CUH#TRPBF</a><br>Description: IC ADC 12BIT 80MSPS 3V 32-QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2227IUH#TRPBF</a><br>Description: IC ADC 12BIT 40MSPS SAMPL 32-QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2229CUH#PBF</a><br>Description: IC ADC 12-BIT 80MSPS 3V 32-QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2226IUH#PBF</a><br>Description: IC ADC 12BIT 25MSPS SAMPL 32-QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2226HLU#PBF</a><br>Description: IC ADC 12BIT 25MSPS 32-TQFP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2226CUH#TRPBF</a><br>Description: IC ADC 12BIT 25MSPS SAMPL 32-QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2228IUH#PBF</a><br>Description: IC ADC 12BIT 65MSPS SAMPL 32-QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2226IUH#TRPBF</a><br>Description: IC ADC 12BIT 25MSPS SAMPL 32-QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2229IUH#PBF</a><br>Description: IC ADC 12-BIT 80MSPS 3V 32-QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2229IUH#TRPBF</a><br>Description: IC ADC 12BIT 80MSPS 3V 32-QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2227CUH#TRPBF</a><br>Description: IC ADC 12BIT 40MSPS SAMPL 32-QFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2227CUH#PBF</a><br>Description: IC ADC 12BIT 40MSPS SAMPL 32-QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2226CUH#PBF</a><br>Description: IC ADC 12BIT 25MSPS SAMPL 32-QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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