

LTC2333ILX-16#PBF





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Part Number: [LTC2333ILX-16#PBF](#)

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

Description: IC ADC 16BIT 800KSPS SAR 48-LQFP

Data sheet:  [LTC2333-16](#)

RoHs Status:

Ship From: Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                |                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC2333ILX-16#PBF                         | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a>                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC ADC 16BIT 800KSPS SAR 48-LQFP          | Lead Free Status / RoHS Status |                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3925 pcs                                  | Data sheet                     | <a href="#">LTC2333-16</a>                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital      | 4.75 V ~ 5.25 V                                                |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7.5 V ~ 38 V                              | Supplier Device Package        | 48-LQFP (7x7)                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SoftSpan™                                 | Sampling Rate (Per Second)     | 800k                                                           |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | External, Internal                        | Ratio - S/H:ADC                | 0:1                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tray                                      | Package / Case                 | 48-LQFP                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 85°C                              | Number of Inputs               | 8                                                              |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16                                        | Number of A/D Converters       | 1                                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3 (168 Hours)                             | Input Type                     | Differential                                                   |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Simultaneous Sampling                     | Detailed Description           | 16 Bit Analog to Digital Converter 8 Input 1 SAR 48-LQFP (7x7) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LVDS - Serial                             | Configuration                  | MUX-ADC                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LTC2333                                   | Architecture                   | SAR                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 3925 pieces of ADI (Analog Devices, Inc.) LTC2333ILX-16#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> |                                           |                                |                                                                |

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