

LTC2353ILX-18#PBF





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Part Number: [LTC2353ILX-18#PBF](#)

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

Description: BUFFERED DUAL, 18-BIT, 550KSPS D

Data sheet:  [LTC2353-18 Datasheet](#)

RoHs Status:

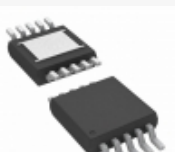
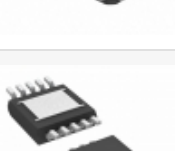
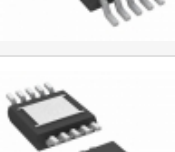
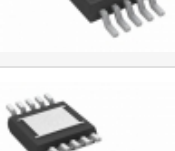
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                |                                 |                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | LTC2353ILX-18#PBF                                              | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | BUFFERED DUAL, 18-BIT, 550KSPS D                               | Lead Free Status / RoHS Status  |                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 4523 pcs                                                       | Data sheet                      | <a href="#">LTC2353-18 Datasheet</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)      | 550k                                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                      | Internal                                                       | Ratio - S/H:ADC                 | 2:1                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                           | Tray                                                           | Package / Case                  | 48-LQFP                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 85°C                                                   | Number of Inputs                | 2                                          |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                      | 18                                                             | Number of A/D Converters        | 1                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                    | 3 (168 Hours)                                                  | Manufacturer Standard Lead Time | 8 Weeks                                    |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                          | Differential, Pseudo-Differential, Single Ended                | Features                        | Simultaneous Sampling                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                | 18 Bit Analog to Digital Converter 2 Input 1 SAR 48-LQFP (7x7) | Data Interface                  | LVDS - Serial, SPI                         |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                       | S/H-MUX-ADC                                                    | Base Part Number                | LTC2353                                    |
| 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 4523 pieces of ADI (Analog Devices, Inc.) LTC2353ILX-18#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: info@Components-World.com |                                                                |                                 |                                            |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                           |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC2353CLX-16#PBF</a><br>Description: BUFFERED DUAL, 16-BIT, 550KSPS D | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2355CMSE-14#PBF</a><br>Description: IC ADC 14BIT 3.5MSPS 10-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2355IMSE-12#PBF</a><br>Description: IC ADC 12BIT 3.5MSPS 10-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2355IMSE-14#PBF</a><br>Description: IC ADC 14BIT 3.5MSPS 10-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2355CMSE-14#TRPBF</a><br>Description: IC ADC 14BIT 3.5MSPS 10-MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2351HUH-14#TRPBF</a><br>Description: IC ADC 14BIT 1.5MSPS 32-QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2353HLX-16#PBF</a><br>Description: BUFFERED DUAL, 16-BIT, 550KSPS D | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2356CMSE-12#PBF</a><br>Description: IC ADC 12BIT 3.5MSPS 10-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2351IUH-14#TRPBF</a><br>Description: IC ADC 14BIT 1.5MSPS 32-QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2353HLX-18#PBF</a><br>Description: BUFFERED DUAL, 18-BIT, 550KSPS D | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2351IUH-12#TRPBF</a><br>Description: IC ADC 12BIT 1.5MSPS 32-QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2351IUH-12#PBF</a><br>Description: IC ADC 12BIT 1.5MSPS 32-QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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