



ADI (Analog Devices, Inc.)

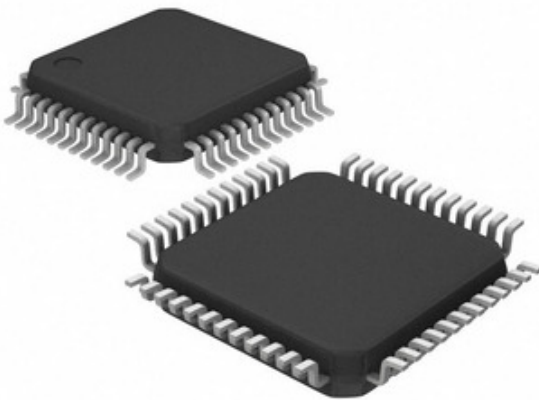


Image may be representation. See specifications for product details.

LTC2358ILX-18#PBF

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| Part Number:        | LTC2358ILX-18#PBF                                                                                 |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                        |
| Product description | IC ADC 18BIT 200KSPS 48LQFP                                                                       |
| Datasheets:         | <div><div>PDF</div>1.LTC2358ILX-18#PBF.pdf</div> <div><div>PDF</div>2.LTC2358ILX-18#PBF.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                              |
| Stock Condition     | 2261 pcs stock                                                                                    |
| Ship From           | Hong Kong                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                             |

REQUEST FOR QUOTATION

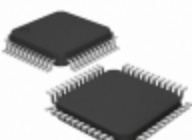
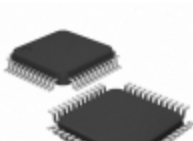
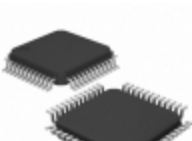
Specifications of LTC2358ILX-18#PBF

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LTC2358ILX-18#PBF                                                                                 |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                        |
| DESCRIPTION                      | IC ADC 18BIT 200KSPS 48LQFP                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE               | 2261 pcs                                                                                          |
| DATA SHEET                       | <div><div>PDF</div>1.LTC2358ILX-18#PBF.pdf</div> <div><div>PDF</div>2.LTC2358ILX-18#PBF.pdf</div> |
| VOLTAGE - SUPPLY, DIGITAL        | 1.71 V ~ 5.25 V                                                                                   |
| VOLTAGE - SUPPLY, ANALOG         | 7.5 V ~ 38 V                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                     |
| SERIES                           | SoftSpan™                                                                                         |
| SAMPLING RATE (PER SECOND)       | 200k                                                                                              |
| REFERENCE TYPE                   | External, Internal                                                                                |
| RATIO - S/H:ADC                  | 1:1                                                                                               |
| PACKAGING                        | Tray                                                                                              |
| PACKAGE / CASE                   | 48-LQFP                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                 |
| NUMBER OF INPUTS                 | 8                                                                                                 |
| NUMBER OF BITS                   | 18                                                                                                |
| NUMBER OF A/D CONVERTERS         | 1                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| INPUT TYPE                       | Differential, Pseudo-Differential, Single Ended                                                   |
| FEATURES                         | Simultaneous Sampling                                                                             |
| DETAILED DESCRIPTION             | 18 Bit Analog to Digital Converter 8 Input 1 SAR 48-LQFP (7x7)                                    |
| DATA INTERFACE                   | LVDS - Serial, SPI                                                                                |
| CONFIGURATION                    | S/H-MUX-ADC                                                                                       |
| BASE PART NUMBER                 | LTC2358                                                                                           |
| ARCHITECTURE                     | SAR                                                                                               |

Related Tags

|                                              |                                        |                                                  |
|----------------------------------------------|----------------------------------------|--------------------------------------------------|
| ADI (Analog Devices, Inc.) LTC2358ILX-18#PBF | LTC2358ILX-18#PBF Distributor          | LTC2358ILX-18#PBF Supplier                       |
| LTC2358ILX-18#PBF Price                      | LTC2358ILX-18#PBF Pictures             | LTC2358ILX-18#PBF Image                          |
| LTC2358ILX-18#PBF PDF Datasheet              | LTC2358ILX-18#PBF Download Datasheet   | LTC2358ILX-18#PBF Datasheet                      |
| LTC2358ILX-18#PBF Stock                      | Buy LTC2358ILX-18#PBF                  | Buy ADI (Analog Devices, Inc.) LTC2358ILX-18#PBF |
| ADI (Analog Devices, Inc.) LTC2358ILX-18#PBF | ADI (Analog Devices, Inc.) Supplier    | ADI (Analog Devices, Inc.) Distributor           |
| ADI (Analog Devices, Inc.) LTC2358ILX-18#PBF | AD LTC2358ILX-18#PBF                   | ADI (Analog Devices, Inc.) LTC2358ILX-18#PBF     |
| Analog Devices Inc. LTC2358ILX-18#PBF        | Analog Devices, Inc. LTC2358ILX-18#PBF |                                                  |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                  |
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| <div><div></div><div><b>LTC2360CS6#TRMPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12BIT 100KSPS TSOT23-6<br/>In stock: 56178 pcs</div><div>RFQ</div></div> | <div><div></div><div><b>LTC2358CLX-18#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 18BIT 200KSPS 48LQFP<br/>In stock: 1808 pcs</div><div>RFQ</div></div>     |
| <div><div></div><div><b>LTC2360HS6#TRMPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12BIT 100KSPS TSOT23-6<br/>In stock: 43149 pcs</div><div>RFQ</div></div> | <div><div></div><div><b>LTC2360CTS8#TRMPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12BIT 100KSPS TSOT23-8<br/>In stock: 61620 pcs</div><div>RFQ</div></div> |
| <div><div></div><div><b>LTC2360CTS8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12BIT 100KSPS TSOT23-8<br/>In stock: 53404 pcs</div><div>RFQ</div></div> | <div><div></div><div><b>LTC2360CTS8</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC<br/>In stock: 6983 pcs</div><div>RFQ</div></div>                                |
| <div><div></div><div><b>LTC2358HLX-18#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 18BIT 200KSPS 48LQFP<br/>In stock: 1558 pcs</div><div>RFQ</div></div>    | <div><div></div><div><b>LTC2358HLX-16#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 16BIT 200KSPS 48-LQFP<br/>In stock: 2312 pcs</div><div>RFQ</div></div>    |
| <div><div></div><div><b>LTC2360CS6#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12BIT 100KSPS TSOT23-6<br/>In stock: 54854 pcs</div><div>RFQ</div></div>  | <div><div></div><div><b>LTC2358ILX-16#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 16BIT 200KSPS 48-LQFP<br/>In stock: 2165 pcs</div><div>RFQ</div></div>    |
| <div><div></div><div><b>LTC2358CLX-16#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 16BIT 200KSPS 48-LQFP<br/>In stock: 3109 pcs</div><div>RFQ</div></div>   | <div><div></div><div><b>LTC2357ILX-18#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 18BIT 350KSPS 48LQFP<br/>In stock: 2612 pcs</div><div>RFQ</div></div>     |