

LTC1594LCS#PBF





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Part Number: [LTC1594LCS#PBF](#)

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

Description: IC A/D CONV 12BIT SRL 4CH 16SOIC

Data sheet:  [LTC1594L/98L](#)

RoHs Status: Lead free / RoHS Compliant

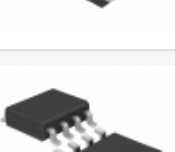
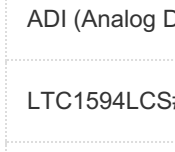
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                 |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC1594LCS#PBF                            | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC A/D CONV 12BIT SRL 4CH 16SOIC          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 13590 pcs                                 | Data sheet                      | <a href="#">LTC1594L/98L</a>                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                                       |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5V                                        | Supplier Device Package         | 16-SOIC                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | microPOWER™                               | Sampling Rate (Per Second)      | 16.8k                                                    |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | External                                  | Ratio - S/H:ADC                 | 1:1                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tube                                      | Package / Case                  | 16-SOIC (0.154", 3.90mm Width)                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0°C ~ 70°C                                | Number of Inputs                | 4                                                        |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12                                        | Number of A/D Converters        | 1                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 10 Weeks                                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lead free / RoHS Compliant                | Input Type                      | Single Ended                                             |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Detailed Description            | 12 Bit Analog to Digital Converter 4 Input 1 SAR 16-SOIC |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SPI                                       | Configuration                   | MUX-S/H-ADC                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LTC1594                                   | Architecture                    | SAR                                                      |
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