

LTC2313ITS8-12#TRMPBF





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**Part Number:** [LTC2313ITS8-12#TRMPBF](#)

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

**Description:** IC ADC 12BIT 2.5MSPS TSOT23-8

**Data sheet:**  [LTC2313-12](#)

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

**Ship From:** Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                            |                                  |                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | LTC2313ITS8-12#TRMPBF                                      | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 12BIT 2.5MSPS TSOT23-8                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 20173 pcs                                                  | Data sheet                       | <a href="#">LTC2313-12</a>                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                  | Voltage - Supply, Digital        | 2.7 V ~ 3.6 V, 5V                          |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.7 V ~ 3.6 V, 5V                                          | Supplier Device Package          | TSOT-23-8                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                          | Sampling Rate (Per Second)       | 2.5M                                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                                   | Ratio - S/H:ADC                  | 1:1                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                           | Package / Case                   | SOT-23-8 Thin, TSOT-23-8                   |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                              | LTC2313ITS8-12#TRMPBFTR                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                                               | Single Ended                                               | Features                         | -                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                     | 12 Bit Analog to Digital Converter 1 Input 1 SAR TSOT-23-8 | Data Interface                   | SPI                                        |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                            | S/H-ADC                                                    | Base Part Number                 | LTC2313                                    |
| 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 20173 pieces of ADI (Analog Devices, Inc.) LTC2313ITS8-12#TRMPBF 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 |                                                            |                                  |                                            |

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