

LTC2451ITS8#TRMPBF





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Part Number: [LTC2451ITS8#TRMPBF](#)

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

Description: IC ADC 16BIT DELTA SIG TSOT23-8

Data sheet:  [LTC2451](#)

RoHs Status: Lead free / RoHS Compliant

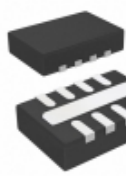
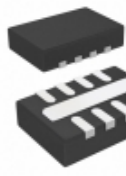
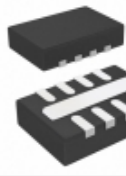
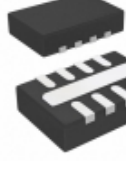
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                    |                                  |                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LTC2451ITS8#TRMPBF                                                 | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC ADC 16BIT DELTA SIG TSOT23-8                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 45422 pcs                                                          | Data sheet                       | <a href="#">LTC2451</a>                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply, Digital        | 2.7 V ~ 5.5 V                              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2.7 V ~ 5.5 V                                                      | Supplier Device Package          | TSOT-23-8                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                  | Sampling Rate (Per Second)       | 60                                         |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | External                                                           | Ratio - S/H:ADC                  | -                                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                                                   | Package / Case                   | SOT-23-8 Thin, TSOT-23-8                   |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LTC2451ITS8#TRMPBF-ND<br>LTC2451ITS8#TRMPBFTR<br>LTC2451ITS8TRMPBF | Operating Temperature            | -40°C ~ 85°C                               |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                  | Number of Bits                   | 16                                         |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1                                                                  | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8 Weeks                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Single Ended                                                       | Features                         | -                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 16 Bit Analog to Digital Converter 1 Input 1 Sigma-Delta TSOT-23-8 | Data Interface                   | I <sup>2</sup> C                           |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ADC                                                                | Base Part Number                 | LTC2451                                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Sigma-Delta                                                        |                                  |                                            |
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