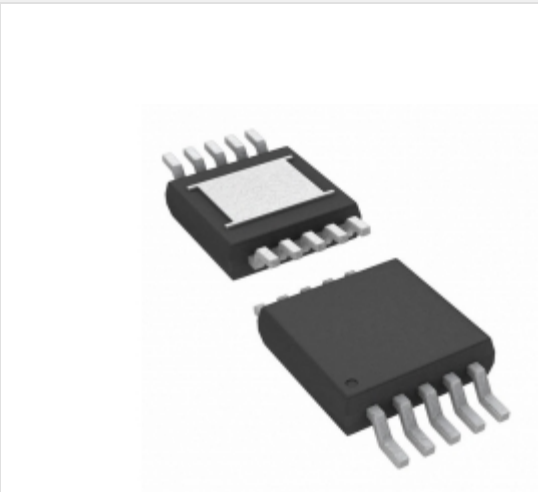


LTC2356IMSE-14#TRPBF





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Part Number: [LTC2356IMSE-14#TRPBF](#)

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

Description: IC ADC 14BIT 3.5MSPS 10-MSOP

Data sheet:  [LTC2356-12/14](#)

RoHs Status: Lead free / RoHS Compliant

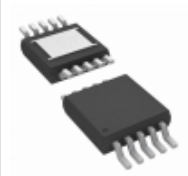
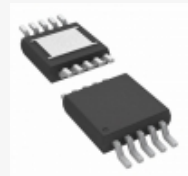
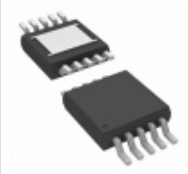
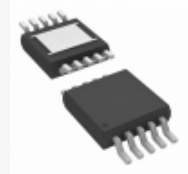
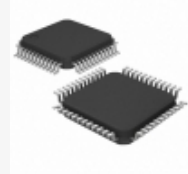
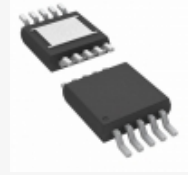
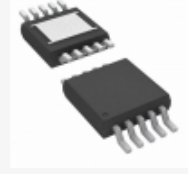
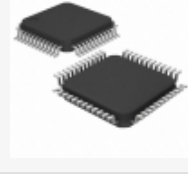
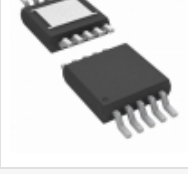
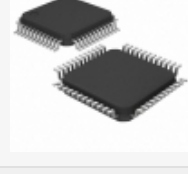
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                 |                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | LTC2356IMSE-14#TRPBF                      | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC ADC 14BIT 3.5MSPS 10-MSOP              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7120 pcs                                  | Data sheet                      | <a href="#">LTC2356-12/14</a>                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 3.1 V ~ 3.6 V                                               |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3.1 V ~ 3.6 V                             | Supplier Device Package         | 10-MSOP-EP                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Sampling Rate (Per Second)      | 3.5M                                                        |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | External, Internal                        | Ratio - S/H:ADC                 | 1:1                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tape & Reel (TR)                          | Package / Case                  | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 85°C                              | Number of Inputs                | 1                                                           |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14                                        | 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                      | Differential, Single Ended                                  |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Detailed Description            | 14 Bit Analog to Digital Converter 1 Input 1 SAR 10-MSOP-EP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SPI                                       | Configuration                   | S/H-ADC                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC2356                                   | Architecture                    | SAR                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC2356IMSE-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#TRPBF</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#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="#">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="#">LTC2358CLX-16#PBF</a><br>Description: IC ADC 16BIT 200KSPS 48-LQFP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2357HLX-18#PBF</a><br>Description: IC ADC 18BIT 350KSPS 48LQFP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2356CMSE-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="#">LTC2356CMSE-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="#">LTC2358HLX-18#PBF</a><br>Description: IC ADC 18BIT 200KSPS 48LQFP     | 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="#">LTC2357CLX-18#PBF</a><br>Description: IC ADC 18BIT 350KSPS 48LQFP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC2358HLX-16#PBF</a><br>Description: IC ADC 16BIT 200KSPS 48-LQFP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2357ILX-18#PBF</a><br>Description: IC ADC 18BIT 350KSPS 48LQFP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2357ILX-16#PBF</a><br>Description: IC ADC 16BIT 350KSPS 48LQFP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2356IMSE-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="#">LTC2358CLX-18#PBF</a><br>Description: IC ADC 18BIT 200KSPS 48LQFP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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