

ADS8383IBPFBR



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Part Number: [ADS8383IBPFBR](#)

Manufacturer: [N/A](#)

Description: [IC ADC 18BIT 500KSPS PRL 48-TQFP](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                |                                |                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | ADS8383IBPFBR                                                  | Manufacturer                   | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 18BIT 500KSPS PRL 48-TQFP                               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 5100 pcs                                                       | Data sheet                     |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                      | Voltage - Supply, Digital      | 2.95 V ~ 5.25 V            |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                 | 5V                                                             | Supplier Device Package        | 48-TQFP (7x7)              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                   | microPOWER™                                                    | Sampling Rate (Per Second)     | 500k                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                           | External                                                       | Ratio - S/H:ADC                | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                               | Package / Case                 | 48-TQFP                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C                                                   | Number of Inputs               | 1                          |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                           | 18                                                             | Number of A/D Converters       | 1                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                         | 2 (1 Year)                                                     | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                               | Pseudo-Differential, Single Ended                              | Features                       | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                     | 18 Bit Analog to Digital Converter 1 Input 1 SAR 48-TQFP (7x7) | Data Interface                 | Parallel                   |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                            | S/H-ADC                                                        | Base Part Number               | ADS8383                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                             | SAR                                                            |                                |                            |
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|  | Part#: <a href="#">ADS8383IBPFBRG4</a><br>Description: IC ADC 18BIT 500KSPS PRL 48-TQFP | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8383EVM</a><br>Description: EVALUATION MODULE FOR ADS8383         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8382IBRHPR</a><br>Description: IC ADC 18BIT 600KHZ 28-VQFN        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8401IBPFBT</a><br>Description: IC ADC 16BIT 1.25MSPS 48-TQFP      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8382IRHPRG4</a><br>Description: IC ADC 18BIT 600KHZ 28-VQFN       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8383IPFBRG4</a><br>Description: IC ADC 18BIT 500KSPS PRL 48-TQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8383IPFBTG4</a><br>Description: IC ADC 18BIT 500KSPS PRL 48-TQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADS8383IPFBT</a><br>Description: IC ADC 18BIT 500KSPS PRL 48-TQFP    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8401IBPFBRG4</a><br>Description: IC ADC 16BIT 1.25MSPS 48-TQFP    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS8382EVM</a><br>Description: EVALUATION MODULE FOR ADS8382         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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