



Image may be representation.  
See specifications for product details.

### LTC2164CUK#PBF

Part Number: **LTC2164CUK#PBF**  
 Product Description: IC ADC 16BIT PAR/SRL 105M 48QFN  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [LTC2164CUK#PBF.pdf](#)

Manufacturer/Brand: ADI (Analog Devices, Inc.)  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

|   |                                    |  |   |
|---|------------------------------------|--|---|
| <b>Part Number</b>                      | LTC2164CUK#PBF                     | <b>Manufacturer</b>                    | ADI (Analog Devices, Inc.)  |
| <b>Description</b>                      | IC ADC 16BIT PAR/SRL 105M 48QFN    | <b>Lead Free Status / RoHS Status</b>  | Lead free / RoHS Compliant  |
| <b>Data sheet</b>                       | <a href="#">LTC2164CUK#PBF.pdf</a> |  |   |
| <b>Voltage - Supply, Digital</b>        | 1.7 V ~ 1.9 V                      | <b>Voltage - Supply, Analog</b>        | 1.7 V ~ 1.9 V   |
| <b>Supplier Device Package</b>          | 48-QFN (7x7)                       | <b>Series</b>                          | -   |
| <b>Sampling Rate (Per Second)</b>       | 105M                               | <b>Reference Type</b>                  | External, Internal  |
| <b>Ratio - S/H:ADC</b>                  | 1:1                                | <b>Packaging</b>                       | Tube  |
| <b>Package / Case</b>                   | 48-WFQFN Exposed Pad               | <b>Other Names</b>                     | LTC2164CUK#PBF  |
| <b>Operating Temperature</b>            | 0°C ~ 70°C                         | <b>Number of Inputs</b>                | 1   |
| <b>Number of Bits</b>                   | 16                                 | <b>Number of A/D Converters</b>        | 1   |
| <b>Moisture Sensitivity Level (MSL)</b> | 1 (Unlimited)                      | <b>Manufacturer Standard Lead Time</b> | 14 Weeks  |
| <b>Lead Free Status / RoHS Status</b>   | Lead free / RoHS Compliant         | <b>Input Type</b>                      | Differential  |
| <b>Features</b>                         | -                                  | <b>Detailed Description</b>            | 16 Bit Analog to Digital Converter 1 Input 1 Pipelined 48-QFN (7x7) |
| <b>Data Interface</b>                   | LVDS - Parallel, Parallel          | <b>Configuration</b>                   | S/H-ADC   |
| <b>Base Part Number</b>                 | LTC2164                            | <b>Architecture</b>                    | Pipelined   |

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|   |  |
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| <p><b>LTC2163CUK#PBF</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: IC ADC 16BIT PAR/SRL 80MSP 48QFN<br/>                 Download: <a href="#">LTC2163CUK#PBF.pdf</a></p> <p><a href="#">RFQ</a></p>     | <p><b>LTC2165CUK#PBF</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: IC ADC 16BIT PAR/SRL 125M 48QFN<br/>                 Download: <a href="#">LTC2165CUK#PBF.pdf</a></p> <p><a href="#">RFQ</a></p>     |

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