

PADC34J45IRGZT



Part Number: [PADC34J45IRGZT](#)

Manufacturer: [N/A](#)

Description: [IC ADC 14BIT 160MSPS 48VQFN](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                      |                                |                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | PADC34J45IRGZT                                                       | Manufacturer                   | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 14BIT 160MSPS 48VQFN                                          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 4233 pcs                                                             | Data sheet                     |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply, Digital      | 1.7 V ~ 1.9 V              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                  | 1.7 V ~ 1.9 V                                                        | Supplier Device Package        | 48-VQFN (7x7)              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                    | Sampling Rate (Per Second)     | 160M                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                            | External, Internal                                                   | Ratio - S/H:ADC                | -                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                                                     | Package / Case                 | 48-VFQFN Exposed Pad       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C                                                         | Number of Inputs               | 2                          |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                            | 14                                                                   | Number of A/D Converters       | 2                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                          | 3 (168 Hours)                                                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                | Differential                                                         | Features                       | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                      | 14 Bit Analog to Digital Converter 2 Input 2 Pipelined 48-VQFN (7x7) | Data Interface                 | JESD204B                   |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                             | ADC                                                                  | Base Part Number               | ADC34J45                   |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                              | Pipelined                                                            |                                |                            |
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|  | Part#: <a href="#">PADC3224IRGZT</a><br>Description: IC ADC 12BIT 125MSPS 48VQFN          | Manufacturers: <a href="#">N/A</a>             | <div>RFQ</div> |
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