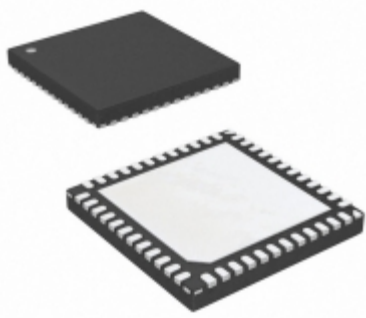


KAD5512P-25Q48



  
A Renesas Company

**Part Number:** [KAD5512P-25Q48](#)

**Manufacturer:** [Intersil](#)

**Description:** IC ADC 12BIT 250MSPS SGL 48-QFN

**Data sheet:**  [KAD5512P](#)

**RoHs Status:** Lead free / RoHS Compliant

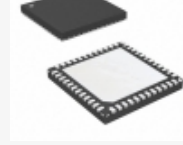
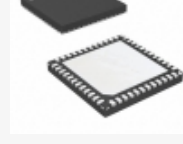
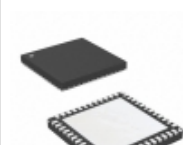
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                 |                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                     | KAD5512P-25Q48                            | Manufacturer                    | <a href="#">Intersil</a>                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                     | IC ADC 12BIT 250MSPS SGL 48-QFN           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                              | 1346 pcs                                  | Data sheet                      | <a href="#">KAD5512P</a>                                      |
| 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-QFN (7x7)                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Sampling Rate (Per Second)      | 250M                                                          |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                  | Internal                                  | Ratio - S/H:ADC                 | 1:1                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                       | Tray                                      | Package / Case                  | 48-VFQFN Exposed Pad                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                           | -40°C ~ 85°C                              | Number of Inputs                | 1                                                             |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                  | 12                                        | Number of A/D Converters        | 1                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 17 Weeks                                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant                | Input Type                      | Differential                                                  |
| Features                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Detailed Description            | 12 Bit Analog to Digital Converter 1 Input 1 SAR 48-QFN (7x7) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                  | LVDS - Parallel, Parallel                 | Configuration                   | S/H-ADC                                                       |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                | KAD5512P                                  | Architecture                    | SAR                                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 1346 pieces of Intersil KAD5512P-25Q48 in stock available now.<br>Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                           |                                 |                                                               |

| RELATED PRODUCTS                                                                   |                                                                                        |                                         |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">KAD5514P-21Q72</a><br>Description: IC ADC 14BIT 210MSPS SGL 72-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5514P-17Q72</a><br>Description: IC ADC 14BIT 170MSPS SGL 72-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5514P-25Q72</a><br>Description: IC ADC 14BIT 250MSPS SGL 72-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5512P-21Q48</a><br>Description: IC ADC 12BIT 210MSPS SGL 48-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5514P-12Q72</a><br>Description: IC ADC 14BIT 125MSPS SGL 72-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5512HP-21Q72</a><br>Description: IC ADC 12BIT 210MSPS SGL 72-QFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5512P-25Q72</a><br>Description: IC ADC 12BIT 250MSPS SGL 72-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5512HP-21Q48</a><br>Description: IC ADC 12BIT 210MSPS SGL 48-QFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5512P-17Q72</a><br>Description: IC ADC 12BIT 170MSPS SGL 72-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5514P-12Q48</a><br>Description: IC ADC 14BIT 125MSPS SGL 48-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5512HP-25Q72</a><br>Description: IC ADC 12BIT 250MSPS SGL 72-QFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5512P-12Q72</a><br>Description: IC ADC 12BIT 125MSPS SGL 72-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5512HP-25Q48</a><br>Description: IC ADC 12BIT 250MSPS SGL 48-QFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5512P-21Q72</a><br>Description: IC ADC 12BIT 210MSPS SGL 72-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5514P-21Q48</a><br>Description: IC ADC 14BIT 210MSPS SGL 48-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5514P-17Q48</a><br>Description: IC ADC 14BIT 170MSPS SGL 48-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5512P-50Q72</a><br>Description: IC ADC 12BIT 500MSPS SGL 72-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5512P-12Q48</a><br>Description: IC ADC 12BIT 125MSPS SGL 48-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5512P-17Q48</a><br>Description: IC ADC 12BIT 170MSPS SGL 48-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KAD5514P-25Q48</a><br>Description: IC ADC 14BIT 250MSPS SGL 48-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

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