

ADS2807Y/250G4



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Part Number: [ADS2807Y/250G4](#)

Manufacturer: [N/A](#)

Description: [IC ADC 12BIT DUAL 50MHZ 64-HTQFP](#)

Data sheet:

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

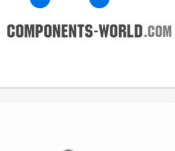
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                         |                                |                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | ADS2807Y/250G4                                                          | Manufacturer                   | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 12BIT DUAL 50MHZ 64-HTQFP                                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 3759 pcs                                                                | Data sheet                     |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage - Supply, Digital      | 3 V ~ 5 V                  |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                  | 5V                                                                      | Supplier Device Package        | 64-HTQFP (10x10)           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                       | Sampling Rate (Per Second)     | 50M                        |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                            | External, Internal                                                      | Ratio - S/H:ADC                | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                                                        | Package / Case                 | 64-TQFP Exposed Pad        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C                                                            | Number of Inputs               | 2                          |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                            | 12                                                                      | 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, Single Ended                                              | Features                       | Simultaneous Sampling      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                      | 12 Bit Analog to Digital Converter 2 Input 2 Pipelined 64-HTQFP (10x10) | Data Interface                 | Parallel                   |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                             | S/H-ADC                                                                 | Base Part Number               | ADS2807                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                              | Pipelined                                                               |                                |                            |
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| RELATED PRODUCTS                                                                   |                                                                                                         |                                                       |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------|
|  | Part#: <a href="#">ADS2806-EVM</a><br>Description: <a href="#">EVAL MOD FOR ADS2806</a>                 | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS2806Y/250</a><br>Description: <a href="#">IC A/D 12BIT DUAL HS 64-HTQFP</a>       | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS2807Y/1K5G4</a><br>Description: <a href="#">IC ADC 12BIT DUAL 50MHZ 64-HTQFP</a>  | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4125EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS4125</a>               | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4122EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS4122</a>               | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4126EVM</a><br>Description: <a href="#">EVAL MODULE FOR ADS4126</a>               | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS2807Y/1K5</a><br>Description: <a href="#">IC A/D 12BIT DUAL HS 64-HTQFP</a>       | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS25A-KG-TAXB5</a><br>Description: <a href="#">CONN D-SUB PLUG 25POS R/A SOLDER</a> | Manufacturers: <a href="#">ASSMANN WSW Components</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS37A-KG-TAXB5</a><br>Description: <a href="#">CONN D-SUB PLUG 37POS R/A SOLDER</a> | Manufacturers: <a href="#">ASSMANN WSW Components</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4126IRGZ25</a><br>Description: <a href="#">IC ADC 12BIT SRL 160MSPS 48VQFN</a>    | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS2806Y/1K5</a><br>Description: <a href="#">IC CONV DUAL 12-BIT A/D 64-HTQFP</a>    | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS2806Y/1K5G4</a><br>Description: <a href="#">IC ADC 12BIT DUAL 32MHZ 64-HTQFP</a>  | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS37A-KG-TASB5</a><br>Description: <a href="#">CONN D-SUB PLUG 37POS R/A SOLDER</a> | Manufacturers: <a href="#">ASSMANN WSW Components</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADS2807Y/250</a><br>Description: <a href="#">IC A/D 12BIT DUAL HS 64-HTQFP</a>       | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4125IRGZR</a><br>Description: <a href="#">IC ADC 12BIT SRL 125MSPS 48VQFN</a>     | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS2807-EVM</a><br>Description: <a href="#">EVAL MOD FOR ADS2807</a>                 | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4122IRGZT</a><br>Description: <a href="#">IC ADC 12BIT SRL 65MSPS 48VQFN</a>      | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4122IRGZR</a><br>Description: <a href="#">IC ADC 12BIT SRL 65MSPS 48VQFN</a>      | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS4125IRGZT</a><br>Description: <a href="#">IC ADC 12BIT SRL 125MSPS 48VQFN</a>     | Manufacturers: <a href="#">N/A</a>                    | <div>RFQ</div> |
|  | Part#: <a href="#">ADS25A-KG-TASB5</a><br>Description: <a href="#">CONN D-SUB PLUG 25POS R/A SOLDER</a> | Manufacturers: <a href="#">ASSMANN WSW Components</a> | <div>RFQ</div> |

|                                            |                            |                         |                      |
|--------------------------------------------|----------------------------|-------------------------|----------------------|
| Related keywords for <b>ADS2807Y/250G4</b> |                            |                         |                      |
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