

ADC12040CIVY/NOPB



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Part Number: [ADC12040CIVY/NOPB](#)

Manufacturer: [N/A](#)

Description: [IC ADC 12BIT 40MSPS 32LQFP](#)

Data sheet:

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

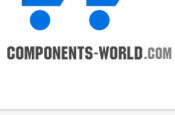
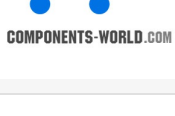
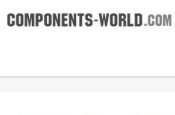
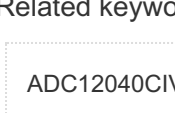
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                      |                                  |                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | ADC12040CIVY/NOPB                                                    | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                  | IC ADC 12BIT 40MSPS 32LQFP                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                           | 6496 pcs                                                             | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply, Digital        | 5V                         |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                     | 5V                                                                   | Supplier Device Package          | 32-TQFP (7x7)              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                    | Sampling Rate (Per Second)       | 40M                        |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                               | External, Internal                                                   | Ratio - S/H:ADC                  | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                    | Tray                                                                 | Package / Case                   | 32-LQFP                    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                  | *ADC12040CIVY/NOPB<br>ADC12040CIVYNOPB                               | 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                                                                                                                                                                                                                                                                                                                                                                                              | 20 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 Pipelined 32-TQFP (7x7) | Data Interface                   | Parallel                   |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                | S/H-ADC                                                              | Base Part Number                 | ADC12040                   |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                 | Pipelined                                                            |                                  |                            |
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| RELATED PRODUCTS                                                                   |                                                                                                           |                                                                   |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ADC12038CIWMX/NOPB</a><br>Description: <a href="#">ADC 12BIT SER I/O 28-SOIC</a>       | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1206S040H/C1,51</a><br>Description: <a href="#">IC ADC 12BIT PAR 40MHZ 44-QFP</a>   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12048CIVF/NOPB</a><br>Description: <a href="#">IC ADC 12BIT +SIGN 8-CH 44QFP</a>    | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12030CIWMX/NOPB</a><br>Description: <a href="#">IC ADC 12BIT 16-SOIC</a>            | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12038CIWM/NOPB</a><br>Description: <a href="#">IC ADC 12BIT SER I/O 28-SOIC</a>     | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12038EVAL</a><br>Description: <a href="#">BOARD EVALUATION FOR ADC12038</a>         | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12040CIVY</a><br>Description: <a href="#">IC ADC 12BIT 40MSPS 32LQFP</a>            | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12040CIVYX/NOPB</a><br>Description: <a href="#">IC ADC 12BIT 40MSPS 32LQFP</a>      | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12048CIV/NOPB</a><br>Description: <a href="#">IC ADC 12BIT+SIGN 8-CH 44-PLCC</a>    | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12034CIWM/NOPB</a><br>Description: <a href="#">IC ADC 12BIT SRL I/O MUX 24-SOIC</a> | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12062EVAL</a><br>Description: <a href="#">BOARD EVALUATION FOR ADC12062</a>         | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12032CIWM/NOPB</a><br>Description: <a href="#">IC ADC 12BIT SER I/O 20-SOIC</a>     | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12041CIMSAX</a><br>Description: <a href="#">IC ADC 12BIT 28-SSOP</a>                | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12040EVAL</a><br>Description: <a href="#">BOARD EVALUATION FOR ADC12040</a>         | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12038CIWMX</a><br>Description: <a href="#">ADC 12BIT SER I/O 28-SOIC</a>            | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12038CIWM</a><br>Description: <a href="#">IC ADC 12BIT SER I/O 28-SOIC</a>          | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12048CIVF</a><br>Description: <a href="#">IC ADC 12BIT +SIGN 8-CH 44QFP</a>         | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12034CIN/NOPB</a><br>Description: <a href="#">IC ADC 12BIT SER I/O 24-DIP</a>       | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">ADC1206S040H/C1,55</a><br>Description: <a href="#">IC ADC 12BIT PAR 40MHZ 44-QFP</a>   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADC12048CIV</a><br>Description: <a href="#">IC ADC 12BIT+SIGN 8-CH 44-PLCC</a>         | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |

Related keywords for **ADC12040CIVY/NOPB**

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