

DAC312FR





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Part Number: [DAC312FR](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC DAC 12BIT MULT HS 20-CDIP

Data sheet:  [DAC312](#)

RoHs Status: Contains lead / RoHS non-compliant

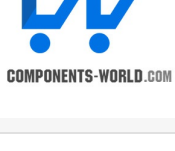
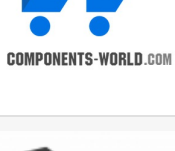
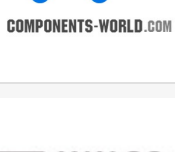
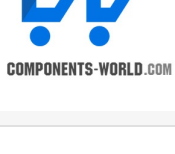
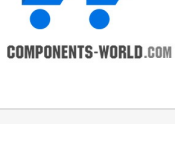
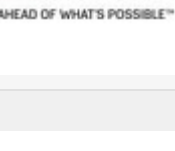
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DAC312FR                                  | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC DAC 12BIT MULT HS 20-CDIP              | Lead Free Status / RoHS Status  | Contains lead / RoHS non-compliant           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5366 pcs                                  | Data sheet                      | <a href="#">DAC312</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 20 V ~ 36 V                                  |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4.5 V ~ 18 V, -10.8 V ~ 18 V              | Supplier Device Package         | 20-CDIP                                      |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 500ns                                     | Series                          | -                                            |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                            | External                                  | Packaging                       | Tube                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20-CDIP (0.300", 7.62mm)                  | Output Type                     | Current - Unbuffered                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C                              | Number of D/A Converters        | 1                                            |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12                                        | Mounting Type                   | Through Hole                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 7 Weeks                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                            | Contains lead / RoHS non-compliant        | INL/DNL (LSB)                   | -, ±1 (Max)                                  |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                       | Detailed Description            | 12 Bit Digital to Analog Converter 1 20-CDIP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Parallel                                  | Base Part Number                | DAC312                                       |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                              | R-2R                                      |                                 |                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 5366 pieces of ADI (Analog Devices, Inc.) DAC312FR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                              |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                           |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|
|  | Part#: <a href="#">DAC2904Y/1K</a><br>Description: IC DAC DUAL 14BIT 125MSPS 48TQFP    | Manufacturers: <a href="#">N/A</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC312HS-REEL</a><br>Description: IC DAC 12BIT MULT HS 20-SOIC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC2932PFBR</a><br>Description: IC DAC DUAL 12BIT 40MSPS 48-TQFP    | Manufacturers: <a href="#">N/A</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC3151IRGCT</a><br>Description: IC DAC 10BIT 500MSPS 64VQFN        | Manufacturers: <a href="#">N/A</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC2904Y/250G4</a><br>Description: IC DAC DUAL 14BIT 125MSPS 48TQFP | Manufacturers: <a href="#">N/A</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC312ER</a><br>Description: IC DAC 12BIT MULT HS 20-CDIP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC2932PFBRG4</a><br>Description: IC DAC DUAL 12BIT 40MSPS 48-TQFP  | Manufacturers: <a href="#">N/A</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC312HPZ</a><br>Description: IC DAC 12BIT HS MULT 20-DIP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC2932PFBTG4</a><br>Description: IC DAC DUAL 12BIT 40MSPS 48-TQFP  | Manufacturers: <a href="#">N/A</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC2932EVM</a><br>Description: EVAL MODULE FOR DAC2932              | Manufacturers: <a href="#">N/A</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC312HP</a><br>Description: IC DAC 12BIT MULTIPLY HS 20-DIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC3151EVM</a><br>Description: EVAL BOARD DAC3151                   | Manufacturers: <a href="#">N/A</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC312HS</a><br>Description: IC DAC 12BIT MULTIPLY HS 20-SOIC       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC2904Y/250</a><br>Description: IC DAC DUAL 14BIT 125MSPS 48TQFP   | Manufacturers: <a href="#">N/A</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC3151IRGCR</a><br>Description: DIGITAL-TO-ANALOG CONVERTERS       | Manufacturers: <a href="#">N/A</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC2932PFBT</a><br>Description: IC DAC DUAL 12BIT 40MSPS 48-TQFP    | Manufacturers: <a href="#">N/A</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC312HSZ</a><br>Description: IC DAC 12BIT MULTIPLY HS 20-SOIC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC3152EVM</a><br>Description: EVAL MODULE FOR DAC3152              | Manufacturers: <a href="#">N/A</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC2904Y/1KG4</a><br>Description: IC DAC DUAL 14BIT 125MSPS 48TQFP  | Manufacturers: <a href="#">N/A</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DAC312HSZ-REEL</a><br>Description: IC DAC 12BIT MULT HS 20SOIC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |

Related keywords for **DAC312FR**

|                                     |                      |                                     |                              |
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