

DAC7742YB/2K



COMPONENTS-WORLD.COM

Part Number: [DAC7742YB/2K](#)

Manufacturer: N/A

Description: IC DAC 16BIT PARALLEL LP 48-LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                        |                                                    |                                |                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                              | DAC7742YB/2K                                       | Manufacturer                   | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                              | IC DAC 16BIT PARALLEL LP 48-LQFP                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                       | 4528 pcs                                           | Data sheet                     |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>          | Voltage - Supply, Digital      | 5V                         |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                 | ±11.4 V ~ 15.75 V, -4.75 V ~ -15.75 V              | Supplier Device Package        | 48-LQFP (7x7)              |
| Settling Time                                                                                                                                                                                                                                                                                                                                                            | 4µs                                                | Series                         | -                          |
| Reference Type                                                                                                                                                                                                                                                                                                                                                           | External, Internal                                 | Packaging                      | Tape & Reel (TR)           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                           | 48-LQFP                                            | Output Type                    | Voltage - Buffered         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C                                       | Number of D/A Converters       | 1                          |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                           | 16                                                 | Mounting Type                  | Surface Mount              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                                      | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| INL/DNL (LSB)                                                                                                                                                                                                                                                                                                                                                            | ±4 (Max), ±2 (Max)                                 | Differential Output            | No                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                     | 16 Bit Digital to Analog Converter 1 48-LQFP (7x7) | Data Interface                 | Parallel                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                         | DAC7742                                            | Architecture                   | R-2R                       |
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|  | Part#: <a href="#">DAC7741YL/250</a><br>Description: IC DAC LP 16BIT 48-LQFP           | Manufacturers: <a href="#">N/A</a> | RFQ |
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|  | Part#: <a href="#">DAC7741YC/2K</a><br>Description: IC DAC LP 16BIT 48-LQFP            | Manufacturers: <a href="#">N/A</a> | RFQ |
|  | Part#: <a href="#">DAC7744E</a><br>Description: IC QUAD/PAR 16-BIT D/A 48-SSOP         | Manufacturers: <a href="#">N/A</a> | RFQ |
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|  | Part#: <a href="#">DAC7742Y/2KG4</a><br>Description: IC DAC 16BIT PARALLEL LP 48-LQFP  | Manufacturers: <a href="#">N/A</a> | RFQ |
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|  | Part#: <a href="#">DAC7741YC/2KG4</a><br>Description: IC DAC LP 16BIT 48-LQFP          | Manufacturers: <a href="#">N/A</a> | RFQ |
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