

DAC7742YC/2KG4



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Part Number: [DAC7742YC/2KG4](#)

Manufacturer: [N/A](#)

Description: [IC DAC 16BIT PARALLEL LP 48-LQFP](#)

Data sheet:

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

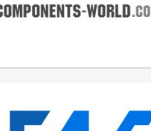
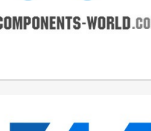
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |                                |                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | DAC7742YC/2KG4                                     | Manufacturer                   | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC DAC 16BIT PARALLEL LP 48-LQFP                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 4351 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)                                                                                                                                                                                                                                                                                                                                                                                                             | ±3 (Max), ±1 (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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| RELATED PRODUCTS                                                                   |                                                                                                        |                                    |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">DAC7742YB/2K</a><br>Description: <a href="#">IC DAC 16BIT PARALLEL LP 48-LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DAC7744ECG4</a><br>Description: <a href="#">IC QUAD/PAR 16-BIT D/A 48-SSOP</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|                                            |                            |                         |                      |
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