

DAC121C081CIMK/NOPB



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Part Number: [DAC121C081CIMK/NOPB](#)

Manufacturer: [N/A](#)

Description: [DAC 12BIT MICROPWR I2C TSOT23-6](#)

Data sheet:

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

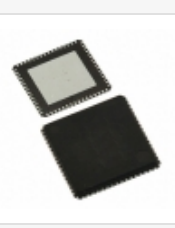
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                     |                                  |                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                     | DAC121C081CIMK/NOPB                                                 | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                     | DAC 12BIT MICROPWR I2C TSOT23-6                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                              | 66505 pcs                                                           | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                           | Voltage - Supply, Digital        | 2.7 V ~ 5.5 V              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                        | 2.7 V ~ 5.5 V                                                       | Supplier Device Package          | TSOT-23-6                  |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                   | 8.5µs                                                               | Series                           | -                          |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                  | Supply                                                              | Packaging                        | Original-Reel®             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                  | SOT-23-6 Thin, TSOT-23-6                                            | Output Type                      | Voltage - Buffered         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                     | DAC121C081CIMK/NOPBDKR<br>DAC121C081CIMKDKR<br>DAC121C081CIMKDKR-ND | Operating Temperature            | -40°C ~ 125°C              |
| Number of D/A Converters                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                                   | Number of Bits                   | 12                         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                   | Surface Mount                                                       | Moisture Sensitivity Level (MSL) | 1 (Unlimited)              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                 | 16 Weeks                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| INL/DNL (LSB)                                                                                                                                                                                                                                                                                                                                                                                                                   | +2.2/-1.5, +0.18/-0.12                                              | Differential Output              | No                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                            | 12 Bit Digital to Analog Converter 1 TSOT-23-6                      | Data Interface                   | I²C                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | DAC121C081                                                          | Architecture                     | String DAC                 |
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| RELATED PRODUCTS                                                                   |                                                                                                             |                                                                   |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">DAC121C081CISD/NOPB</a><br>Description: <a href="#">IC DAC 12BIT MICROPWR I2C 6WSON</a>  | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">DAC121C085CIMMX/NOPB</a><br>Description: <a href="#">IC DAC 12BIT 1CH 8VSSOP</a>         | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">DAC1205D750HW/C1,5</a><br>Description: <a href="#">IC DAC 12BIT 750MSPS DL SOT638-1</a>  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DAC121C085EVM</a><br>Description: <a href="#">EVALUATION MODULE DAC121C085</a>           | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">DAC121C081CISDX/NOPB</a><br>Description: <a href="#">DAC 12BIT MICROPWR I2C 6WSON</a>    | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">DAC1208D650W1-DB</a><br>Description: <a href="#">BOARD DEMO FOR DAC1208D650W1</a>        | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DAC121C085CIMMX</a><br>Description: <a href="#">DAC 12BIT MICROPWR I2C 8VSSOP</a>        | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">DAC1208D750HN-C18</a><br>Description: <a href="#">IC DAC 12BIT 750MSPS DL 16HVQFN</a>    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DAC121C085CIMM/NOPB</a><br>Description: <a href="#">IC DAC 12BIT MICROPWR I2C 8VSSOP</a> | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">DAC1208D750HN-C1</a><br>Description: <a href="#">IC DAC 12BIT 750MSPS DL 16HVQFN</a>     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DAC1205D650HW/C1:5</a><br>Description: <a href="#">IC DAC 12BIT 650MSPS DL 100HTQFP</a>  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DAC1208D650HN/C1,5</a><br>Description: <a href="#">IC DAC 12BIT 650MSPS DL SOT804-3</a>  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DAC121C081CISD</a><br>Description: <a href="#">IC DAC 12BIT MICROPWR I2C 6WSON</a>       | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">DAC1205D750HW/C1:5</a><br>Description: <a href="#">IC DAC 12BIT 750MSPS DL SOT638-1</a>  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DAC1208D650HN-C18</a><br>Description: <a href="#">IC DAC 12BIT DL 650MSPS 64HVQFN</a>    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DAC121C081CISDX</a><br>Description: <a href="#">DAC 12BIT MICROPWR I2C 6WSON</a>         | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">DAC121C081CIMKX/NOPB</a><br>Description: <a href="#">DAC 12BIT MICROPWR I2C TSOT23-6</a> | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">DAC1208D650HN/C1:5</a><br>Description: <a href="#">IC DAC 12BIT 650MSPS DL SOT804-3</a>  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DAC1208D650HN-C1</a><br>Description: <a href="#">IC DAC 12BIT DL 650MSPS 64HVQFN</a>     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DAC121C085CIMM</a><br>Description: <a href="#">IC DAC 12BIT MICROPWR I2C 8VSSOP</a>      | Manufacturers: <a href="#">N/A</a>                                | <div>RFQ</div> |

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