



MAX5442ACUB+T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX5442ACUB+T                                                                                                |
| Manufacturer/Brand: | Maxim Integrated                                                                                             |
| Product description | IC DAC 16BIT 5V SERIAL 10-UMAX                                                                               |
|                     |  1.MAX5442ACUB+T.pdf        |
|                     |  2.MAX5442ACUB+T.pdf        |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 8119 pcs stock                                                                                               |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

Specifications of MAX5442ACUB+T

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MAX5442ACUB+T                                                                                                                                                                                                      |
| MANUFACTURER                     | Maxim Integrated                                                                                                                                                                                                   |
| DESCRIPTION                      | IC DAC 16BIT 5V SERIAL 10-UMAX                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 8119 pcs                                                                                                                                                                                                           |
| DATA SHEET                       |  1.MAX5442ACUB+T.pdf<br> 2.MAX5442ACUB+T.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 5V                                                                                                                                                                                                                 |
| VOLTAGE - SUPPLY, ANALOG         | 5V                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 10-uMAX                                                                                                                                                                                                            |
| SETTLING TIME                    | 1µs (Typ)                                                                                                                                                                                                          |
| SERIES                           | -                                                                                                                                                                                                                  |
| REFERENCE TYPE                   | External                                                                                                                                                                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)                                                                                                                                                                           |
| OUTPUT TYPE                      | Voltage - Unbuffered                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | 0°C ~ 70°C                                                                                                                                                                                                         |
| NUMBER OF D/A CONVERTERS         | 1                                                                                                                                                                                                                  |
| NUMBER OF BITS                   | 16                                                                                                                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| INL/DNL (LSB)                    | ±0.5, ±0.5                                                                                                                                                                                                         |
| DIFFERENTIAL OUTPUT              | No                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION             | 16 Bit Digital to Analog Converter 1 10-uMAX                                                                                                                                                                       |
| DATA INTERFACE                   | SPI                                                                                                                                                                                                                |
| BASE PART NUMBER                 | MAX5442                                                                                                                                                                                                            |
| ARCHITECTURE                     | R-2R                                                                                                                                                                                                               |

Related Tags

|                                |                                  |                                    |
|--------------------------------|----------------------------------|------------------------------------|
| Maxim Integrated MAX5442ACUB+T | MAX5442ACUB+T Distributor        | MAX5442ACUB+T Supplier             |
| MAX5442ACUB+T Price            | MAX5442ACUB+T Pictures           | MAX5442ACUB+T Image                |
| MAX5442ACUB+T PDF Datasheet    | MAX5442ACUB+T Download Datasheet | MAX5442ACUB+T Datasheet            |
| MAX5442ACUB+T Stock            | Buy MAX5442ACUB+T                | Buy Maxim Integrated MAX5442ACUB+T |
| Maxim Integrated MAX5442ACUB+T | Maxim Integrated Supplier        | Maxim Integrated Distributor       |
| Maxim Integrated MAX5442ACUB+T |                                  |                                    |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>MAX5442AEUB+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC DAC 16BIT 5V SERIAL 10-UMAX<br/>In stock: 5567 pcs</div><div>RFQ</div></div>  | <div><div><b>MAX5442ACUB</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC DAC SERIAL +5V 16BIT 10-UMAX<br/>In stock: 5773 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MAX5441BCUA+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC DAC 16BIT 5V SERIAL 8-UMAX<br/>In stock: 4639 pcs</div><div>RFQ</div></div>  | <div><div><b>MAX5442AEUB+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC DAC 16BIT 5V SERIAL 10-UMAX<br/>In stock: 5655 pcs</div><div>RFQ</div></div> |
| <div><div><b>MAX5442ACUB+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC DAC 16BIT 5V SERIAL 10-UMAX<br/>In stock: 6989 pcs</div><div>RFQ</div></div>  | <div><div><b>MAX5442BCUB</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC DAC SERIAL +5V 16BIT 10-UMAX<br/>In stock: 3156 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MAX5441BEUA+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC DAC 16BIT 5V SERIAL 8-UMAX<br/>In stock: 7531 pcs</div><div>RFQ</div></div>   | <div><div><b>MAX5442BCUB+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC DAC 16BIT 5V SERIAL 10-UMAX<br/>In stock: 6881 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MAX5442AEUB</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC DAC SERIAL +5V 16BIT 10-UMAX<br/>In stock: 5465 pcs</div><div>RFQ</div></div>  | <div><div><b>MAX5441BEUA+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC DAC 16BIT 5V SERIAL 8-UMAX<br/>In stock: 8857 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MAX5442BCUB+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC DAC 16BIT 5V SERIAL 10-UMAX<br/>In stock: 9887 pcs</div><div>RFQ</div></div> | <div><div><b>MAX5441BEUA</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC DAC SERIAL +5V 16BIT 8-UMAX<br/>In stock: 4129 pcs</div><div>RFQ</div></div>   |