

DS80C323-QCD+



**Part Number:** [DS80C323-QCD+](#)

**Manufacturer:** [Maxim Integrated](#)

**Description:** IC MCU 8BIT ROMLESS 44PLCC

**Data sheet:**  [DS80C320, 323](#)

**RoHs Status:** Lead free / RoHS Compliant

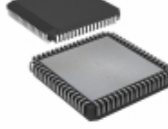
**Ship From:** Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                  |                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DS80C323-QCD+                             | Manufacturer                     | <a href="#">Maxim Integrated</a>                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 8BIT ROMLESS 44PLCC                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 21607 pcs                                 | Data sheet                       | <a href="#">DS80C320, 323</a>                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                     | 44-PLCC (16.59x16.59)                     | Speed                            | 18MHz                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 80C                                       | RAM Size                         | 256 x 8                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                         | ROMless                                   | Program Memory Size              | -                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Power-Fail Reset, WDT                     | Packaging                        | Tube                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                              | 44-LCC (J-Lead)                           | Other Names                      | DS80C323QCD                                                           |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External                                  | Operating Temperature            | 0°C ~ 70°C (TA)                                                       |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                               | 32                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                             | 8 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                            |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                         | Detailed Description             | 8051 80C Microcontroller IC 8-Bit 18MHz ROMless 44-PLCC (16.59x16.59) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Core Size                        | 8-Bit                                                                 |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8051                                      | Connectivity                     | EBI/EMI, SIO, UART/USART                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                            | DS80C323                                  |                                  |                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                 |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">DS80C323-MCD+</a><br>Description: IC MCU 8BIT ROMLESS 40DIP         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C320-QNL+T&amp;R</a><br>Description: IC MCU 8BIT ROMLESS 44PLCC | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C390-FCR</a><br>Description: IC MCU 8BIT ROMLESS 64LQFP         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C390-FCR+</a><br>Description: IC MCU 8BIT ROMLESS 64LQFP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C390-QCR</a><br>Description: IC MCU 8BIT ROMLESS 68PLCC         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C323-END</a><br>Description: IC MCU 8BIT ROMLESS 44TQFP         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C320-QNL/T&amp;R</a><br>Description: IC MCU 8BIT ROMLESS 44PLCC | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C323-QND</a><br>Description: IC MCU 8BIT ROMLESS 44PLCC         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C323-QCD+T&amp;R</a><br>Description: IC MCU 8BIT ROMLESS 44PLCC | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C323-ECD+</a><br>Description: IC MCU 8BIT ROMLESS 44TQFP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C390-FNR+</a><br>Description: IC MCU 8BIT ROMLESS 64LQFP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C323-ECD+T&amp;R</a><br>Description: IC MCU 8BIT ROMLESS 44TQFP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C390-FNR</a><br>Description: IC MCU 8BIT ROMLESS 64LQFP         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C323-ECD</a><br>Description: IC MCU 8BIT ROMLESS 44TQFP         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C323-MCD</a><br>Description: IC MCU 8BIT ROMLESS 40DIP          | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C323-QND/T&amp;R</a><br>Description: IC MCU 8BIT ROMLESS 44PLCC | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C323-END+</a><br>Description: IC MCU 8BIT ROMLESS 44TQFP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C323-QCD/T&amp;R</a><br>Description: IC MCU 8BIT ROMLESS 44PLCC | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DS80C323-QND+</a><br>Description: IC MCU 8BIT ROMLESS 44PLCC        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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Related keywords for DS80C323-QCD+

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