

MAXQ610B-0000+



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See Product Specifications for product details.  
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**Part Number:** [MAXQ610B-0000+](#)

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

**Description:** IC MCU 16BIT 64KB FLASH 40TQFN

**Data sheet:**  [MAXQ610](#)  
 [Part Numbering System](#)  
 [MAXQ610 Guide](#)

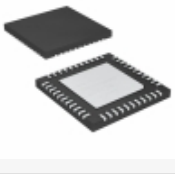
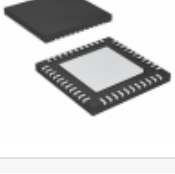
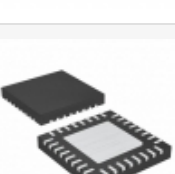
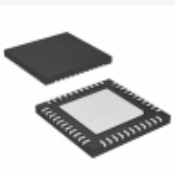
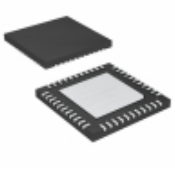
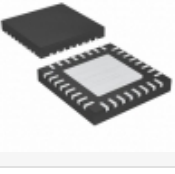
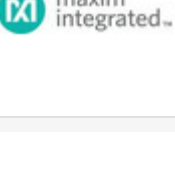
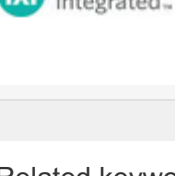
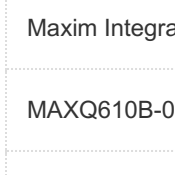
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                          |                                 |                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MAXQ610B-0000+                                                           | Manufacturer                    | <a href="#">Maxim Integrated</a>                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 64KB FLASH 40TQFN                                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 66139 pcs                                                                | Data sheet                      | <a href="#">MAXQ610</a><br><a href="#">Part Numbering System</a><br><a href="#">MAXQ610 Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                                | Voltage - Supply (Vcc/Vdd)      | 1.7 V ~ 3.6 V                                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                      | 40-TQFN (6x6)                                                            | Speed                           | 12MHz                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MAXQ®                                                                    | RAM Size                        | 2K x 8                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                                                    | Program Memory Size             | 64KB (64K x 8)                                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, Infrared, Power-Fail, POR, WDT                   | Packaging                       | Tube                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                               | 40-WFQFN Exposed Pad                                                     | Oscillator Type                 | Internal                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0°C ~ 70°C (TA)                                                          | Number of I/O                   | 32                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                                                            | Manufacturer Standard Lead Time | 6 Weeks                                                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                                               | EEPROM Size                     | -                                                                                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | MAXQ® Microcontroller IC 16-Bit 12MHz 64KB (64K x 8) FLASH 40-TQFN (6x6) | Data Converters                 | -                                                                                                 |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-Bit                                                                   | Core Processor                  | -                                                                                                 |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SPI, UART/USART                                                          | Base Part Number                | MAXQ610                                                                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Maxim Integrated series electronic components. We have 66139 pieces of Maxim Integrated MAXQ610B-0000+ in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                          |                                 |                                                                                                   |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                 |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAXQ610-KIT#</a><br>Description: EVALUATION KIT FOR MAXQ610        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ610J-0000+T</a><br>Description: IC MCU 16BIT 64KB FLASH 44TQFN | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ610J-0000+</a><br>Description: IC MCU 16BIT 64KB FLASH 44TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ610X-0001+</a><br>Description: IC MCU 16BIT 64KB FLASH DIESALE | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ3183-KIT</a><br>Description: KIT EV REFRNC DSIGN FOR MAXQ3183  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ610J-2548+T</a><br>Description: IC OPERATIONAL AMP             | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ610E-0000+</a><br>Description: IC MCU 16BIT 64KB FLASH 32LQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ610A-0000+</a><br>Description: IC MCU 16BIT 64KB FLASH 32TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ612G-0000+</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ3210-EMX+</a><br>Description: IC MCU 16BIT 2KB EEPROM 24DIP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ3212-EJX+</a><br>Description: IC MCU 16BIT 2KB EEPROM 24TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ610A-9411+</a><br>Description: IC MCU 16BIT 64KB FLASH 32TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ3210-EJX+</a><br>Description: IC MCU 16BIT 2KB EEPROM 24TSSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ610K-0000+</a><br>Description: IC MCU 16BIT 64KB FLASH 44TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ612J-0000+</a><br>Description: IC MCU 16BIT 128KB FLASH 44TQFN | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ610A-9410+</a><br>Description: IC MCU 16BIT 64KB FLASH 32TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ3183-RAN+</a><br>Description: IC AFE POLYPHASE MULTI 28TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ612X-2552+</a><br>Description: IC MCU MICROPROCESSOR           | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ610X-0000+</a><br>Description: IC MCU 16BIT 64KB FLASH DIESALE | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAXQ3181-RAN+</a><br>Description: IC AFE POLYPHASE LO-PWR 28-TSSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

| Related keywords for MAXQ610B-0000+ |                            |                         |                      |
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