

MAXQ610X-0001+



Part Number: [MAXQ610X-0001+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MCU 16BIT 64KB FLASH DIESALE

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

RoHs Status: Lead free / RoHS Compliant

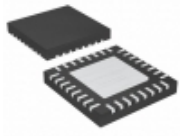
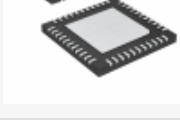
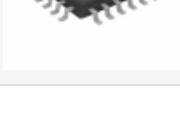
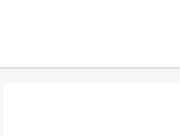
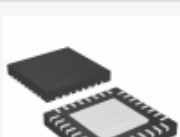
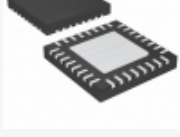
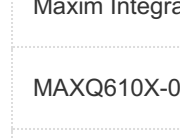
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                        |                                |                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MAXQ610X-0001+                                         | Manufacturer                   | <a href="#">Maxim Integrated</a>                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 64KB FLASH DIESALE                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5667 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                                                                                                                                                                                                                                                                                                                                                                                                                                     | Diesale                                                | 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                      | Bulk                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                              | Die                                                    | Oscillator Type                | Internal                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0°C ~ 70°C (TA)                                        | Number of I/O                  | 32                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)                                          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                        |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                      | Detailed Description           | MAXQ® Microcontroller IC 16-Bit 12MHz 64KB (64K x 8) FLASH Diesale                                |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                      | Core Size                      | 16-Bit                                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                      | Connectivity                   | SPI, UART/USART                                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                            | MAXQ610                                                |                                |                                                                                                   |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                 |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAXQ610A-9410+</a><br>Description: IC MCU 16BIT 64KB FLASH 32TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ613E-0000+</a><br>Description: IC MCU 16BIT 48KB FLASH 48LQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ612X-2552+</a><br>Description: IC MCU MICROPROCESSOR           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ613J-0000+</a><br>Description: IC MCU 16BIT 48KB FLASH 44TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ610J-0000+T</a><br>Description: IC MCU 16BIT 64KB FLASH 44TQFN | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ610E-0000+</a><br>Description: IC MCU 16BIT 64KB FLASH 32LQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ610B-0000+</a><br>Description: IC MCU 16BIT 64KB FLASH 40TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ613X-0000+</a><br>Description: IC MCU 16BIT 48KB FLASH DIESALE | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ613K-0000+</a><br>Description: IC MCU 16BIT 48KB FLASH 44TQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ610J-0000+</a><br>Description: IC MCU 16BIT 64KB FLASH 44TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ612G-0000+</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ610A-0000+</a><br>Description: IC MCU 16BIT 64KB FLASH 32TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ610J-2548+T</a><br>Description: IC OPERATIONAL AMP             | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ614V-2554+TW</a><br>Description: IC MCU 16BIT 80KB FLASH 25WLP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ610X-0000+</a><br>Description: IC MCU 16BIT 64KB FLASH DIESALE | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ613A-0000+</a><br>Description: IC MCU 16BIT 48KB FLASH 32TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ614V-2541+T</a><br>Description: IC OPERATIONAL AMP             | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAXQ610A-9411+</a><br>Description: IC MCU 16BIT 64KB FLASH 32TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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| Related keywords for MAXQ610X-0001+ |                            |                         |                      |
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