

PIC24EP64GP203T-E/TL



Part Number: [PIC24EP64GP203T-E/TL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 64KB FLASH 36VTLA

Data sheet:  [dsPIC33E,PIC24E Programming Spec](#)  
 [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x](#)  
 [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x Errata](#)

RoHs Status: Lead free / RoHS Compliant

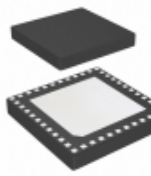
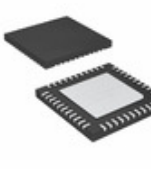
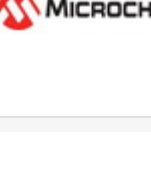
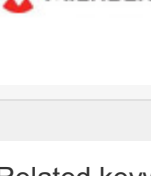
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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                |                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC24EP64GP203T-E/TL                       | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 64KB FLASH 36VTLA             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5466 pcs                                   | Data sheet                     | <a href="#">dsPIC33E,PIC24E Programming Spec</a><br><a href="#">dsPIC(33,24)EPzzz(GP,MC)20x,50x</a><br><a href="#">dsPIC(33,24)EPzzz(GP,MC)20x,50x Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 3.6 V                                                                                                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 36-VTLA (5x5)                              | Speed                          | 60 MIPs                                                                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PIC® 24EP                                  | RAM Size                       | 4K x 16                                                                                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FLASH                                      | Program Memory Size            | 64KB (22K x 24)                                                                                                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, DMA, POR, PWM, WDT | Packaging                      | Tape & Reel (TR)                                                                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 36-VTLA Exposed Pad                        | Oscillator Type                | Internal                                                                                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 125°C (TA)                         | Number of I/O                  | 25                                                                                                                                                            |
| Moisture Sensitivity Level (MSL) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                               | (Unlimited)                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                    |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                          | Detailed Description           | PIC PIC® 24EP Microcontroller IC 16-Bit 60 MIPs 64KB (22K x 24) FLASH 36-VTLA (5x5)                                                                           |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A/D 8x10b/12b                              | Core Size                      | 16-Bit                                                                                                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC                                        | Connectivity                   | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC24EP64GP203                             |                                |                                                                                                                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">PIC24EP64GP204-I/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP64GP202T-E/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP64GP203-I/TL</a><br>Description: IC MCU 16BIT 64KB FLASH 36VTLA  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24EP64GP202T-I/MM</a><br>Description: IC MCU 16BIT 64KB FLASH 28QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP64GP204-E/ML</a><br>Description: IC MCU 16BIT 64KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP64GP202T-E/MM</a><br>Description: IC MCU 16BIT 64KB FLASH 28QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24EP64GP202T-I/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP64GP204-E/MV</a><br>Description: IC MCU 16BIT 64KB FLASH 48UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24EP64GP202-I/SS</a><br>Description: IC MCU 16BIT 64KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP64GP202-I/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP64GP204T-E/ML</a><br>Description: IC MCU 16BIT 64KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP64GP204-E/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24EP64GP202-I/SP</a><br>Description: IC MCU 16BIT 64KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for **PIC24EP64GP203T-E/TL**

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