

PIC24F08KM204-E/MV



**Part Number:** [PIC24F08KM204-E/MV](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 16BIT 8KB FLASH 48UQFN

**Data sheet:**  [PIC24FV16KM204 Family Datasheet](#)  
 [PIC24F16KM204 Family Errata & Datasheet Clarificat](#)

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

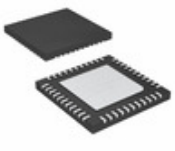
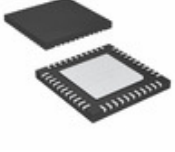
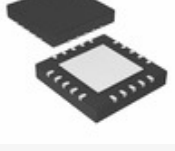
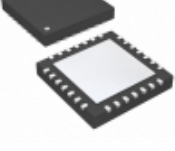
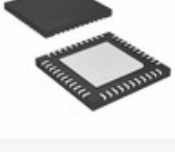
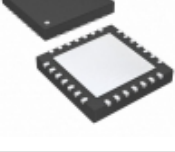
**Ship From:** Hong Kong

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

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                            |                                |                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC24F08KM204-E/MV                         | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 16BIT 8KB FLASH 48UQFN              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4758 pcs                                   | Data sheet                     | <a href="#">PIC24FV16KM204 Family Datasheet</a><br><a href="#">PIC24F16KM204 Family Errata &amp; Datasheet Clarificat</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)     | 1.8 V ~ 3.6 V                                                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 48-UQFN (6x6)                              | Speed                          | 32MHz                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC® XLP™ 24F                              | RAM Size                       | 2K x 8                                                                                                                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                      | Program Memory Size            | 8KB (2.75K x 24)                                                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, LVD, POR, PWM, WDT | Packaging                      | Tube                                                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 48-UQFN Exposed Pad                        | Oscillator Type                | Internal                                                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 125°C (TA)                         | Number of I/O                  | 38                                                                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 512 x 8                                    | Detailed Description           | PIC PIC® XLP™ 24F Microcontroller IC 16-Bit 32MHz 8KB (2.75K x 24) FLASH 48-UQFN (6x6)                                    |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 22x10b/12b, D/A 2x8b                   | Core Size                      | 16-Bit                                                                                                                    |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC                                        | Connectivity                   | I²C, IrDA, LINbus, SPI, UART/USART                                                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC24F08KM204                              |                                |                                                                                                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 4758 pieces of Micrel / Microchip Technology PIC24F08KM204-E/MV 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="#">PIC24F08KM202-I/SS</a><br>Description: IC MCU 16BIT 8KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM204-E/PT</a><br>Description: IC MCU 16BIT 8KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM202-E/SS</a><br>Description: IC MCU 16BIT 8KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM204-E/ML</a><br>Description: IC MCU 16BIT 8KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F16KA101-E/P</a><br>Description: IC MCU 16BIT 16KB FLASH 20DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM204-I/PT</a><br>Description: IC MCU 16BIT 8KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM202T-I/SS</a><br>Description: IC MCU 16BIT 8KB FLASH 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM204T-I/PT</a><br>Description: IC MCU 16BIT 8KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM202-E/SP</a><br>Description: IC MCU 16BIT 8KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM204-I/MV</a><br>Description: IC MCU 16BIT 8KB FLASH 48UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM204-I/ML</a><br>Description: IC MCU 16BIT 8KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F16KA101-E/SO</a><br>Description: IC MCU 16BIT 16KB FLASH 20SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM204T-I/MV</a><br>Description: IC MCU 16BIT 8KB FLASH 48UQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F16KA101-E/MQ</a><br>Description: IC MCU 16BIT 16KB FLASH 20QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM202-I/ML</a><br>Description: IC MCU 16BIT 8KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|--------------------------------------------------|--------------------------------------------------|-----------------------------------------|----------------------------------------|
| Related keywords for <b>PIC24F08KM204-E/MV</b>   |                                                  |                                         |                                        |
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