

PIC24FV08KM204T-I/MV



Part Number: [PIC24FV08KM204T-I/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

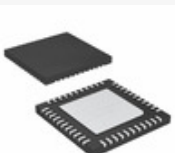
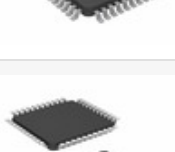
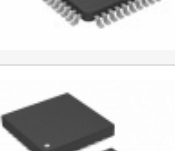
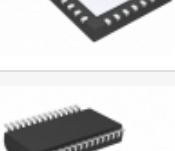
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                |                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC24FV08KM204T-I/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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5767 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)     | 2 V ~ 5 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                      | Tape & Reel (TR)                                                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 48-UQFN Exposed Pad                        | Oscillator Type                | Internal                                                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 85°C (TA)                          | Number of I/O                  | 37                                                                                                                        |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC24FV08KM204                             |                                |                                                                                                                           |
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|  | Part#: <a href="#">PIC24FV16KA301-I/SO</a><br>Description: IC MCU 16BIT 16KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV08KM204-I/MV</a><br>Description: IC MCU 16BIT 8KB FLASH 48UQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24FV08KM202T-I/SO</a><br>Description: IC MCU 16BIT 8KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA301-I/P</a><br>Description: IC MCU 16BIT 16KB FLASH 20DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA301-I/SS</a><br>Description: IC MCU 16BIT 16KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA301-E/P</a><br>Description: IC MCU 16BIT 16KB FLASH 20DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24FV16KA301T-I/SS</a><br>Description: IC MCU 16BIT 16KB FLASH 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24FV08KM204T-I/PT</a><br>Description: IC MCU 16BIT 8KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24FV16KA302-E/ML</a><br>Description: IC MCU 16BIT 16KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for PIC24FV08KM204T-I/MV

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