



Micrel / Microchip Technology

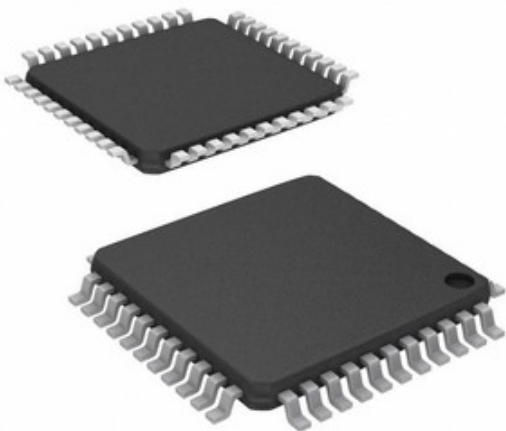


Image may be representation. See specifications for product details.

PIC24FV08KM204-E/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24FV08KM204-E/PT                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 8KB FLASH 44TQFP                                                                                |
| Datasheets:         |  1.PIC24FV08KM204-E/PT.pdf  |
|                     |  2.PIC24FV08KM204-E/PT.pdf  |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5443 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

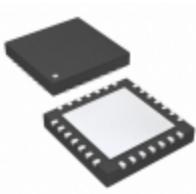
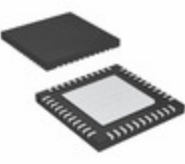
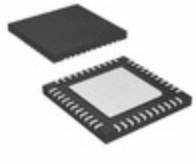
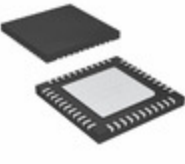
Specifications of PIC24FV08KM204-E/PT

|                                  |                                                                                                                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24FV08KM204-E/PT                                                                                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                  |
| DESCRIPTION                      | IC MCU 16BIT 8KB FLASH 44TQFP                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 5443 pcs                                                                                                                                                                                                                       |
| DATA SHEET                       |  1.PIC24FV08KM204-E/PT.pdf<br> 2.PIC24FV08KM204-E/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5 V                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                |
| 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                        | Tray                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 44-TQFP (10x10)                                                                                                                                       |
| 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                                                                                                                                                                                                                 |

Related Tags

|                                                   |                                          |                                                            |
|---------------------------------------------------|------------------------------------------|------------------------------------------------------------|
| Micrel / Microchip Technology PIC24FV08KM204-E/PT | PIC24FV08KM204-E/PT Distributor          | PIC24FV08KM204-E/PT Supplier                               |
| PIC24FV08KM204-E/PT Price                         | PIC24FV08KM204-E/PT Pictures             | PIC24FV08KM204-E/PT Image                                  |
| PIC24FV08KM204-E/PT PDF Datasheet                 | PIC24FV08KM204-E/PT Download Datasheet   | PIC24FV08KM204-E/PT Datasheet                              |
| PIC24FV08KM204-E/PT Stock                         | Buy PIC24FV08KM204-E/PT                  | Buy Micrel / Microchip Technology PIC24FV08KM204-E/PT      |
| Micrel / Microchip Technology PIC24FV08KM204-E/PT | Micrel / Microchip Technology Supplier   | Micrel / Microchip Technology Distributor                  |
| Micrel / Microchip Technology PIC24FV08KM204-E/PT | Microchip Technology PIC24FV08KM204-E/PT | Roving Networks / Microchip Technology PIC24FV08KM204-E/PT |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC24FV08KM202T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28QFN<br/>In stock: 3324 pcs<br/>RFQ</div>  |  <div><b>PIC24FV08KM202T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SOIC<br/>In stock: 4898 pcs<br/>RFQ</div> |
|  <div><b>PIC24FV08KM204-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 44TQFP<br/>In stock: 33968 pcs<br/>RFQ</div> |  <div><b>PIC24FV08KM204T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 44QFN<br/>In stock: 5594 pcs<br/>RFQ</div>  |
|  <div><b>PIC24FV08KM204-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 44QFN<br/>In stock: 3603 pcs<br/>RFQ</div>   |  <div><b>PIC24FV08KM204-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 44QFN<br/>In stock: 4038 pcs<br/>RFQ</div>   |
|  <div><b>PIC24FV08KM202-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SSOP<br/>In stock: 35542 pcs<br/>RFQ</div> |  <div><b>PIC24FV08KM204-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 48UQFN<br/>In stock: 5250 pcs<br/>RFQ</div>  |
|  <div><b>PIC24FV08KM204T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 48UQFN<br/>In stock: 5305 pcs<br/>RFQ</div> |  <div><b>PIC24FV08KM204-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 48UQFN<br/>In stock: 34196 pcs<br/>RFQ</div> |
|  <div><b>PIC24FV08KM202T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SSOP<br/>In stock: 5432 pcs<br/>RFQ</div> |  <div><b>PIC24FV08KM204T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 44TQFP<br/>In stock: 4921 pcs<br/>RFQ</div> |