

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC24F08KM102-I/SO

|                     |                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24F08KM102-I/SO                                                                                                                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                            |
| Product description | IC MCU 16BIT 8KB FLASH 28SOIC                                                                                                                                                                                            |
| Datasheets:         |  1.PIC24F08KM102-I/SO.pdf<br> 2.PIC24F08KM102-I/SO.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                             |
| Stock Condition     | 48117 pcs stock                                                                                                                                                                                                          |
| Ship From           | Hong Kong                                                                                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                    |

REQUEST FOR QUOTATION

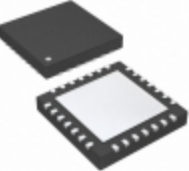
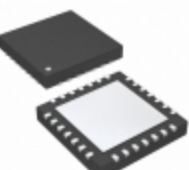
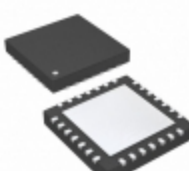
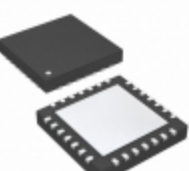
Specifications of PIC24F08KM102-I/SO

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24F08KM102-I/SO                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 16BIT 8KB FLASH 28SOIC                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 48117 pcs                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.PIC24F08KM102-I/SO.pdf<br> 2.PIC24F08KM102-I/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                      |
| SPEED                            | 32MHz                                                                                                                                                                                                                        |
| SERIES                           | PIC® XLP™ 24F                                                                                                                                                                                                                |
| RAM SIZE                         | 1K 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                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 24                                                                                                                                                                                                                           |
| 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 28-SOIC                                                                                                                                             |
| DATA CONVERTERS                  | A/D 19x10b/12b                                                                                                                                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                       |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                          |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                           |
| BASE PART NUMBER                 | PIC24F08KM102                                                                                                                                                                                                                |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology PIC24F08KM102-I/SO | PIC24F08KM102-I/SO Distributor          | PIC24F08KM102-I/SO Supplier                               |
| PIC24F08KM102-I/SO Price                         | PIC24F08KM102-I/SO Pictures             | PIC24F08KM102-I/SO Image                                  |
| PIC24F08KM102-I/SO PDF Datasheet                 | PIC24F08KM102-I/SO Download Datasheet   | PIC24F08KM102-I/SO Datasheet                              |
| PIC24F08KM102-I/SO Stock                         | Buy PIC24F08KM102-I/SO                  | Buy Micrel / Microchip Technology PIC24F08KM102-I/SO      |
| Micrel / Microchip Technology PIC24F08KM102-I/SO | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology PIC24F08KM102-I/SO | Microchip Technology PIC24F08KM102-I/SO | Roving Networks / Microchip Technology PIC24F08KM102-I/SO |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                     |
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|  <div><b>PIC24F08KM102-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SSOP<br/>In stock: 3036 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC24F08KM102-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SOIC<br/>In stock: 4686 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC24F08KM101T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 20SSOP<br/>In stock: 4655 pcs<br/><div>RFQ</div></div> |  <div><b>PIC24F08KM102T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SOIC<br/>In stock: 6244 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC24F08KM102-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SSOP<br/>In stock: 4125 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC24F08KM202-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28QFN<br/>In stock: 2729 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC24F08KM102-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SDIP<br/>In stock: 6824 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC24F08KM102-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28QFN<br/>In stock: 4640 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC24F08KM102T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28QFN<br/>In stock: 6674 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC24F08KM102-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28QFN<br/>In stock: 3372 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC24F08KM102-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SDIP<br/>In stock: 42444 pcs<br/><div>RFQ</div></div> |  <div><b>PIC24F08KM102T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SSOP<br/>In stock: 2728 pcs<br/><div>RFQ</div></div> |