

 **MICROCHIP**

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC24F08KA102T-I/SO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC24F08KA102T-I/SO                                                                                          |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 8KB FLASH 28SOIC                                                                                |
|                     |  1.PIC24F08KA102T-I/SO.pdf  |
|                     |  2.PIC24F08KA102T-I/SO.pdf  |
|                     |  3.PIC24F08KA102T-I/SO.pdf  |
|                     |  4.PIC24F08KA102T-I/SO.pdf  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5730 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

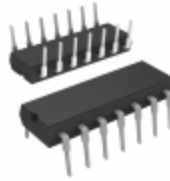
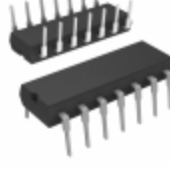
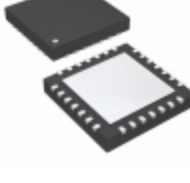
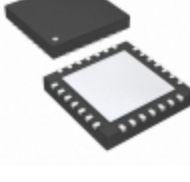
Specifications of PIC24F08KA102T-I/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC24F08KA102T-I/SO                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 8KB FLASH 28SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 5730 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       |  1.PIC24F08KA102T-I/SO.pdf<br> 2.PIC24F08KA102T-I/SO.pdf<br> 3.PIC24F08KA102T-I/SO.pdf<br> 4.PIC24F08KA102T-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                         | 1.5K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 8KB (2.75K x 24)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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 9x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | PIC24F08KA102                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

Related Tags

|                                                   |                                          |                                                            |
|---------------------------------------------------|------------------------------------------|------------------------------------------------------------|
| Micrel / Microchip Technology PIC24F08KA102T-I/SO | PIC24F08KA102T-I/SO Distributor          | PIC24F08KA102T-I/SO Supplier                               |
| PIC24F08KA102T-I/SO Price                         | PIC24F08KA102T-I/SO Pictures             | PIC24F08KA102T-I/SO Image                                  |
| PIC24F08KA102T-I/SO PDF Datasheet                 | PIC24F08KA102T-I/SO Download Datasheet   | PIC24F08KA102T-I/SO Datasheet                              |
| PIC24F08KA102T-I/SO Stock                         | Buy PIC24F08KA102T-I/SO                  | Buy Micrel / Microchip Technology PIC24F08KA102T-I/SO      |
| Micrel / Microchip Technology PIC24F08KA102T-I/SO | Micrel / Microchip Technology Supplier   | Micrel / Microchip Technology Distributor                  |
| Micrel / Microchip Technology PIC24F08KA102T-I/SO | Microchip Technology PIC24F08KA102T-I/SO | Roving Networks / Microchip Technology PIC24F08KA102T-I/SO |

Related Products

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|  <div><b>PIC24F08KL200-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 14DIP<br/>In stock: 64930 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC24F08KL200T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 14TSSOP<br/>In stock: 6568 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC24F08KL200-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 14DIP<br/>In stock: 59363 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC24F08KA102-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28QFN<br/>In stock: 44819 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC24F08KA102T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SSOP<br/>In stock: 5887 pcs<br/><div>RFQ</div></div> |  <div><b>PIC24F08KA102-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SOIC<br/>In stock: 41762 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC24F08KA102-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SSOP<br/>In stock: 52914 pcs<br/><div>RFQ</div></div> |  <div><b>PIC24F08KL200-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 14TSSOP<br/>In stock: 57751 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC24F08KA102-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SDIP<br/>In stock: 49700 pcs<br/><div>RFQ</div></div> |  <div><b>PIC24F08KA102T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28QFN<br/>In stock: 4248 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC24F08KA102-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 28SSOP<br/>In stock: 45797 pcs<br/><div>RFQ</div></div> |  <div><b>PIC24F08KL200-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 8KB FLASH 14TSSOP<br/>In stock: 49584 pcs<br/><div>RFQ</div></div> |