

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18F24Q10-I/SO

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F24Q10-I/SO                                                                                                                                                                                                     |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                        |
| Product description | 16KB FLASH, 1KB RAM, 256B EEPROM                                                                                                                                                                                     |
| Datasheets:         |  1.PIC18F24Q10-I/SO.pdf<br> 2.PIC18F24Q10-I/SO.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                         |
| Stock Condition     | 78901 pcs stock                                                                                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                |

REQUEST FOR QUOTATION

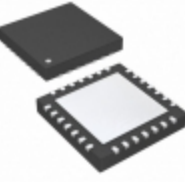
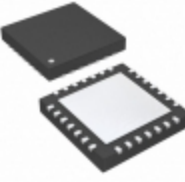
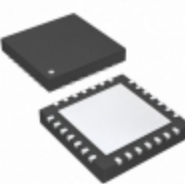
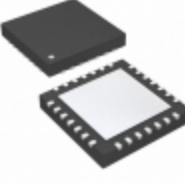
Specifications of PIC18F24Q10-I/SO

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F24Q10-I/SO                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                            |
| DESCRIPTION                      | 16KB FLASH, 1KB RAM, 256B EEPROM                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 78901 pcs                                                                                                                                                                                                                |
| DATA SHEET                       |  1.PIC18F24Q10-I/SO.pdf<br> 2.PIC18F24Q10-I/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                  |
| SPEED                            | 64MHz                                                                                                                                                                                                                    |
| SERIES                           | PIC® XLP™ 18Q                                                                                                                                                                                                            |
| RAM SIZE                         | 1K x 8                                                                                                                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, 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                    | 25                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 18Q Microcontroller IC 8-Bit 64MHz 16KB (16K x 8) FLASH 28-SOIC                                                                                                                                            |
| DATA CONVERTERS                  | A/D 24x10b, D/A 1x5b                                                                                                                                                                                                     |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                    |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                      |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                     |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC18F24Q10-I/SO | PIC18F24Q10-I/SO Distributor           | PIC18F24Q10-I/SO Supplier                               |
| PIC18F24Q10-I/SO Price                         | PIC18F24Q10-I/SO Pictures              | PIC18F24Q10-I/SO Image                                  |
| PIC18F24Q10-I/SO PDF Datasheet                 | PIC18F24Q10-I/SO Download Datasheet    | PIC18F24Q10-I/SO Datasheet                              |
| PIC18F24Q10-I/SO Stock                         | Buy PIC18F24Q10-I/SO                   | Buy Micrel / Microchip Technology PIC18F24Q10-I/SO      |
| Micrel / Microchip Technology PIC18F24Q10-I/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC18F24Q10-I/SO | Microchip Technology PIC18F24Q10-I/SO  | Roving Networks / Microchip Technology PIC18F24Q10-I/SO |

Related Products

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|  <div><b>PIC18F24K50T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28SOIC<br/>In stock: 48802 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC18F24K50-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28SSOP<br/>In stock: 45403 pcs<br/><b>RFQ</b></div>      |
|  <div><b>PIC18F24Q10T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16KB FLASH, 1KB RAM, 256B EEPROM<br/>In stock: 68650 pcs<br/><b>RFQ</b></div> |  <div><b>PIC18F24K50-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28SDIP<br/>In stock: 32506 pcs<br/><b>RFQ</b></div>      |
|  <div><b>PIC18F2510-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: 22155 pcs<br/><b>RFQ</b></div>       |  <div><b>PIC18F24K50T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 42463 pcs<br/><b>RFQ</b></div>      |
|  <div><b>PIC18F24Q10-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16KB FLASH, 1KB RAM, 256B EEPROM<br/>In stock: 59112 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC18F24Q10-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16KB FLASH, 1KB RAM, 256B EEPROM<br/>In stock: 91451 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC18F24K50T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28SSOP<br/>In stock: 44917 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC18F24Q10T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16KB FLASH, 1KB RAM, 256B EEPROM<br/>In stock: 100585 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC18F24Q10T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16KB FLASH, 1KB RAM, 256B EEPROM<br/>In stock: 71393 pcs<br/><b>RFQ</b></div> |  <div><b>PIC18F24Q10-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16KB FLASH, 1KB RAM, 256B EEPROM<br/>In stock: 87972 pcs<br/><b>RFQ</b></div>   |