



Micrel / Microchip Technology

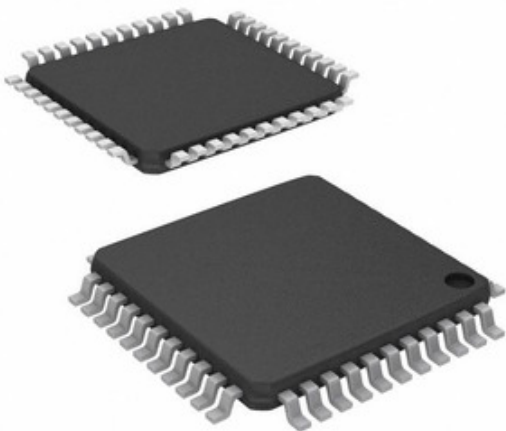


Image may be representation. See specifications for product details.

PIC18LF448-I/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18LF448-I/PT                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 44TQFP                                                                                |
|                     | <a href="#">1.PIC18LF448-I/PT.pdf</a>                                                                        |
|                     | <a href="#">2.PIC18LF448-I/PT.pdf</a>                                                                        |
|                     | <a href="#">3.PIC18LF448-I/PT.pdf</a>                                                                        |
|                     | <a href="#">4.PIC18LF448-I/PT.pdf</a>                                                                        |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

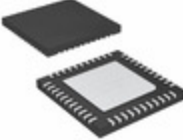
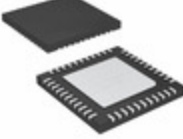
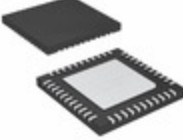
Specifications of PIC18LF448-I/PT

|                                  |                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18LF448-I/PT                                                                                                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 44TQFP                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                       |
| DATA SHEET                       | <a href="#">1.PIC18LF448-I/PT.pdf</a><br><a href="#">2.PIC18LF448-I/PT.pdf</a><br><a href="#">3.PIC18LF448-I/PT.pdf</a><br><a href="#">4.PIC18LF448-I/PT.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                  |
| SPEED                            | 40MHz                                                                                                                                                            |
| SERIES                           | PIC® 18F                                                                                                                                                         |
| RAM SIZE                         | 768 x 8                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 16KB (8K x 16)                                                                                                                                                   |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                                                       |
| PACKAGING                        | Tray                                                                                                                                                             |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                          |
| OSCILLATOR TYPE                  | External                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                |
| NUMBER OF I/O                    | 33                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 20 Weeks                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                       |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                          |
| DETAILED DESCRIPTION             | PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 16KB (8K x 16) FLASH 44-TQFP (10x10)                                                                                 |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                        |
| CORE SIZE                        | 8-Bit                                                                                                                                                            |
| CORE PROCESSOR                   | PIC                                                                                                                                                              |
| CONNECTIVITY                     | CANbus, I²C, SPI, UART/USART                                                                                                                                     |
| BASE PART NUMBER                 | PIC18LF448                                                                                                                                                       |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC18LF448-I/PT | PIC18LF448-I/PT Distributor            | PIC18LF448-I/PT Supplier                               |
| PIC18LF448-I/PT Price                         | PIC18LF448-I/PT Pictures               | PIC18LF448-I/PT Image                                  |
| PIC18LF448-I/PT PDF Datasheet                 | PIC18LF448-I/PT Download Datasheet     | PIC18LF448-I/PT Datasheet                              |
| PIC18LF448-I/PT Stock                         | Buy PIC18LF448-I/PT                    | Buy Micrel / Microchip Technology PIC18LF448-I/PT      |
| Micrel / Microchip Technology PIC18LF448-I/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC18LF448-I/PT | Microchip Technology PIC18LF448-I/PT   | Roving Networks / Microchip Technology PIC18LF448-I/PT |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |
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|  <div><b>PIC18LF448-I/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44PLCC<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>PIC18LF448-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>PIC18LF4480-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>PIC18LF4458T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>PIC18LF4480T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PIC18LF4480T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>PIC18LF4458T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PIC18LF448T-I/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44PLCC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>PIC18LF4480-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 1 pcs<br/><div>RFQ</div></div>      |  <div><b>PIC18LF4480-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>PIC18LF4458-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 40DIP<br/>In stock: 116 pcs<br/><div>RFQ</div></div>      |  <div><b>PIC18LF4458-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |