



Micrel / Microchip Technology

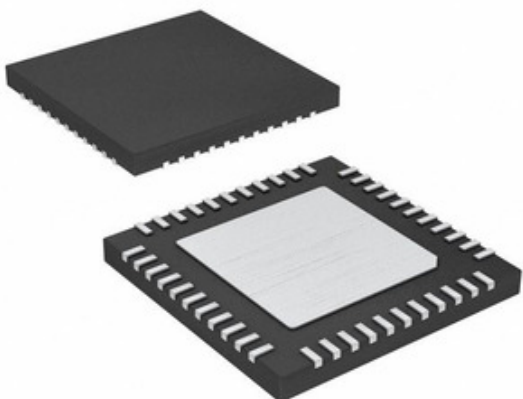


Image may be representation. See specifications for product details.

PIC18F4458-I/ML

Part Number: PIC18F4458-I/ML

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 8BIT 24KB FLASH 44QFN

 1.PIC18F4458-I/ML.pdf

 2.PIC18F4458-I/ML.pdf

 3.PIC18F4458-I/ML.pdf

 4.PIC18F4458-I/ML.pdf

 5.PIC18F4458-I/ML.pdf

 Lead free / RoHS Compliant

Hong Kong

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

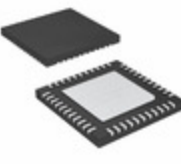
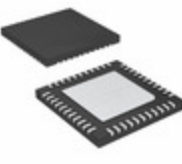
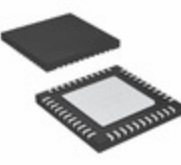
Specifications of PIC18F4458-I/ML

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F4458-I/ML                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 24KB FLASH 44QFN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       | <div><div> 1.PIC18F4458-I/ML.pdf</div><div> 2.PIC18F4458-I/ML.pdf</div><div> 3.PIC18F4458-I/ML.pdf</div><div> 4.PIC18F4458-I/ML.pdf</div><div> 5.PIC18F4458-I/ML.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 44-QFN (8x8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SPEED                            | 48MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SERIES                           | PIC® 18F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PROGRAM MEMORY SIZE              | 24KB (12K x 16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 44-VQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DETAILED DESCRIPTION             | PIC PIC® 18F Microcontroller IC 8-Bit 48MHz 24KB (12K x 16) FLASH 44-QFN (8x8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DATA CONVERTERS                  | A/D 13x12b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CONNECTIVITY                     | I²C, SPI, UART/USART, USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | PIC18F4458                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC18F4458-I/ML | PIC18F4458-I/ML Distributor            | PIC18F4458-I/ML Supplier                               |
| PIC18F4458-I/ML Price                         | PIC18F4458-I/ML Pictures               | PIC18F4458-I/ML Image                                  |
| PIC18F4458-I/ML PDF Datasheet                 | PIC18F4458-I/ML Download Datasheet     | PIC18F4458-I/ML Datasheet                              |
| PIC18F4458-I/ML Stock                         | Buy PIC18F4458-I/ML                    | Buy Micrel / Microchip Technology PIC18F4458-I/ML      |
| Micrel / Microchip Technology PIC18F4458-I/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC18F4458-I/ML | Microchip Technology PIC18F4458-I/ML   | Roving Networks / Microchip Technology PIC18F4458-I/ML |

Related Products

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>PIC18F4455T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44TQFP<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>PIC18F4450T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div><b>PIC18F4458T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44QFN<br/>In stock: Out stock</div><div>RFQ</div></div>  | <div><div><b>PIC18F4455-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44QFN<br/>In stock: 162 pcs</div><div>RFQ</div></div>     |
| <div><div><b>PIC18F448-E/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44PLCC<br/>In stock: Out stock</div><div>RFQ</div></div>    | <div><div><b>PIC18F4458-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44TQFP<br/>In stock: 225 pcs</div><div>RFQ</div></div>    |
| <div><div><b>PIC18F448-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: Out stock</div><div>RFQ</div></div>     | <div><div><b>PIC18F4455-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 40DIP<br/>In stock: 628 pcs</div><div>RFQ</div></div>      |
| <div><div><b>PIC18F4455T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44QFN<br/>In stock: Out stock</div><div>RFQ</div></div>  | <div><div><b>PIC18F4455-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44TQFP<br/>In stock: Out stock</div><div>RFQ</div></div>  |
| <div><div><b>PIC18F4458T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44TQFP<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>PIC18F4458-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 40DIP<br/>In stock: Out stock</div><div>RFQ</div></div>    |