

PIC18LF4410T-I/ML



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Part Number: [PIC18LF4410T-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 44QFN

Data sheet: 

 [PIC18F2x10, 4x10 Revision B2 Errata](#)

 [PIC18F\(2, 4\)zzz Programming Specification](#)

 [PIC18F2x10, 4x10 Revision B3 Errata](#)

 [PIC18F2x1x, 4x1x Data Sheet Errata](#)

 [PIC18F2x10, 4x10 Revision A1 Errata](#)

 [PIC18\(L\)F2x1x, 4x1x Data Sheet](#)

 [PIC18F2x10, 4x10 Rev B4 Errata](#)

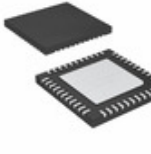
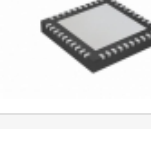
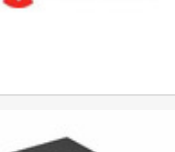
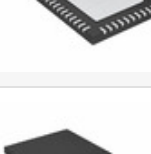
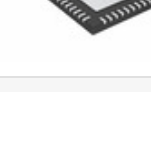
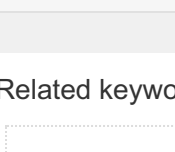
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                             |                                |                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC18LF4410T-I/ML                           | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                                                                                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 16KB FLASH 44QFN                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5871 pcs                                    | Data sheet                     | <a href="#">PIC18F2x10, 4x10 Revision B2 Errata</a><br><a href="#">PIC18F(2, 4)zzz Programming Specification</a><br><a href="#">PIC18F2x10, 4x10 Revision B3 Errata</a><br><a href="#">PIC18F2x1x, 4x1x Data Sheet Errata</a><br><a href="#">PIC18F2x10, 4x10 Revision A1 Errata</a><br><a href="#">PIC18(L)F2x1x, 4x1x Data Sheet</a><br><a href="#">PIC18F2x10, 4x10 Rev B4 Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>   | Voltage - Supply (Vcc/Vdd)     | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 44-QFN (8x8)                                | 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, HLVD, POR, PWM, WDT | Packaging                      | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 44-VQFN Exposed Pad                         | Oscillator Type                | Internal                                                                                                                                                                                                                                                                                                                                                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TA)                           | Number of I/O                  | 36                                                                                                                                                                                                                                                                                                                                                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                               |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                           | Detailed Description           | PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 16KB (8K x 16) FLASH 44-QFN (8x8)                                                                                                                                                                                                                                                                                                            |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A/D 13x10b                                  | Core Size                      | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                    |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PIC                                         | Connectivity                   | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC18LF4410                                 |                                |                                                                                                                                                                                                                                                                                                                                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PIC18LF43K22-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18LF4420-I/PT</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18LF4420T-I/ML</a><br>Description: IC MCU 8BIT 16KB FLASH 44QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18LF4420-I/P</a><br>Description: IC MCU 8BIT 16KB FLASH 40DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18LF442-I/PT</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18LF442-I/ML</a><br>Description: IC MCU 8BIT 16KB FLASH 44QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18LF4410T-I/PT</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18LF4420T-I/PT</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18LF43K22T-I/MV</a><br>Description: IC MCU 8BIT 8KB FLASH 40UQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18LF43K22-I/P</a><br>Description: IC MCU 8BIT 8KB FLASH 40DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18LF4410-I/P</a><br>Description: IC MCU 8BIT 16KB FLASH 40DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18LF43K22-I/ML</a><br>Description: IC MCU 8BIT 8KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">PIC18LF43K22-I/MV</a><br>Description: IC MCU 8BIT 8KB FLASH 40UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">PIC18LF4410-I/ML</a><br>Description: IC MCU 8BIT 16KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18LF442-I/L</a><br>Description: IC MCU 8BIT 16KB FLASH 44PLCC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |

Related keywords for PIC18LF4410T-I/ML

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