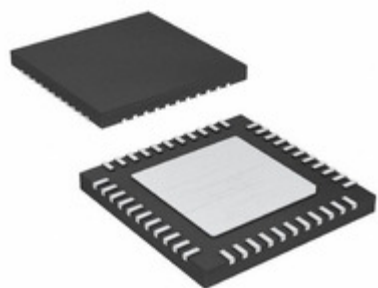


PIC18F4515T-I/ML



Images are for reference only.  
See Product Specifications for product details.  
Buy PIC18F4515T-I/ML with confidence from  
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Part Number: [PIC18F4515T-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 48KB FLASH 44QFN

Data sheet: 

 [PIC18Fx515, x610 Rev B5 Errata](#)

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

 [PIC18Fx515, x610 Revision A4 Errata](#)

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

 [PIC18Fx515, x610 Revision B4 Errata](#)

 [PIC18Fx515, x610 Revision A3 Errata](#)

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

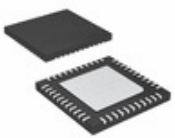
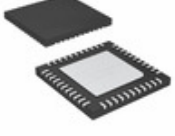
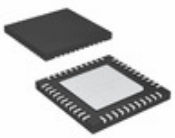
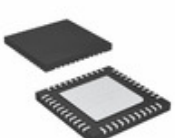
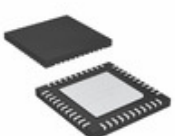
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                             |                                |                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC18F4515T-I/ML                            | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                                                                                                                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 48KB FLASH 44QFN                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4316 pcs                                    | Data sheet                     | <div><a href="#">PIC18Fx515, x610 Rev B5 Errata</a><br/><a href="#">PIC18F(2, 4)zzz Programming Specification</a><br/><a href="#">PIC18Fx515, x610 Revision A4 Errata</a><br/><a href="#">PIC18F2x1x, 4x1x Data Sheet Errata</a><br/><a href="#">PIC18Fx515, x610 Revision B4 Errata</a><br/><a href="#">PIC18Fx515, x610 Revision A3 Errata</a><br/><a href="#">PIC18(L)F2x1x, 4x1x Data Sheet</a></div> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>   | Voltage - Supply (Vcc/Vdd)     | 4.2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 44-QFN (8x8)                                | Speed                          | 40MHz                                                                                                                                                                                                                                                                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® 18F                                    | RAM Size                       | 3.8K x 8                                                                                                                                                                                                                                                                                                                                                                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                       | Program Memory Size            | 48KB (24K 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 48KB (24K x 16) FLASH 44-QFN (8x8)                                                                                                                                                                                                                                                                                                                            |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 13x10b                                  | Core Size                      | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                     |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC                                         | Connectivity                   | IC, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                       |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PIC18F4515                                  |                                |                                                                                                                                                                                                                                                                                                                                                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC18F4515-E/PT</a><br>Description: IC MCU 8BIT 48KB FLASH 44TQFP                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F452-E/L</a><br>Description: IC MCU 8BIT 32KB FLASH 44PLCC                     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F452-I/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN                     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F452-E/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4515-E/P</a><br>Description: IC MCU 8BIT 48KB FLASH 40DIP                     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4515-I/P</a><br>Description: IC MCU 8BIT 48KB FLASH 40DIP                     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4510T-I/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4510T-I/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4510-I/P</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP                     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4510-I/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F452-I/P</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP                      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F452 DEVELOPMENT KIT</a><br>Description: EMBEDDED C DEVELOPMENT KIT            | Manufacturers: <a href="#">Custom Computer Services</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F452-E/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 44QFN                     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4515T-I/PT</a><br>Description: IC MCU 8BIT 48KB FLASH 44TQFP                  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4515-E/ML</a><br>Description: IC MCU 8BIT 48KB FLASH 44QFN                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F452 DEVELOPMENT BOARD KIT</a><br>Description: DEVELOPMENT BOARD FOR PIC18F452 | Manufacturers: <a href="#">Custom Computer Services</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4515-I/ML</a><br>Description: IC MCU 8BIT 48KB FLASH 44QFN                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F452-E/P</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP                      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F452-I/L</a><br>Description: IC MCU 8BIT 32KB FLASH 44PLCC                     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F4515-I/PT</a><br>Description: IC MCU 8BIT 48KB FLASH 44TQFP                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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