



Micrel / Microchip Technology

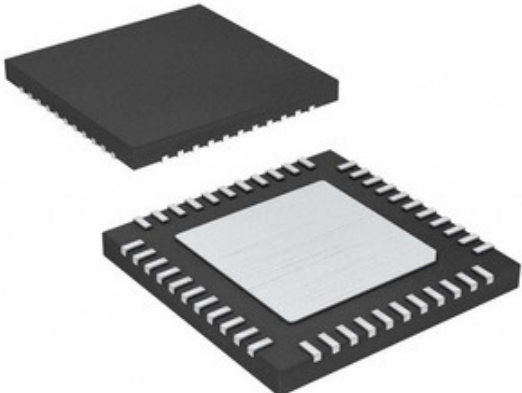


Image may be representation. See specifications for product details.

PIC18LF4525-I/ML

Part Number: PIC18LF4525-I/ML

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 8BIT 48KB FLASH 44QFN

Datasheets: [1.PIC18LF4525-I/ML.pdf](#)  
[2.PIC18LF4525-I/ML.pdf](#)  
[3.PIC18LF4525-I/ML.pdf](#)  
[4.PIC18LF4525-I/ML.pdf](#)  
[5.PIC18LF4525-I/ML.pdf](#)  
[6.PIC18LF4525-I/ML.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 16736 pcs stock

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

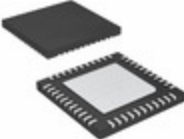
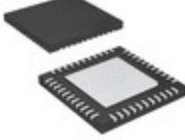
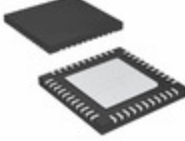
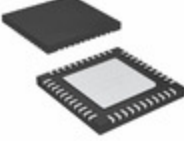
Specifications of PIC18LF4525-I/ML

|                                  |                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18LF4525-I/ML                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 48KB FLASH 44QFN                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 16736 pcs                                                                                                                                                                                                                                                |
| DATA SHEET                       | <a href="#">1.PIC18LF4525-I/ML.pdf</a><br><a href="#">2.PIC18LF4525-I/ML.pdf</a><br><a href="#">3.PIC18LF4525-I/ML.pdf</a><br><a href="#">4.PIC18LF4525-I/ML.pdf</a><br><a href="#">5.PIC18LF4525-I/ML.pdf</a><br><a href="#">6.PIC18LF4525-I/ML.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 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                        | Tube                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 44-VQFN Exposed Pad                                                                                                                                                                                                                                      |
| OTHER NAMES                      | PIC18LF4525IML                                                                                                                                                                                                                                           |
| 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                      | 1K x 8                                                                                                                                                                                                                                                   |
| 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                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                     |
| BASE PART NUMBER                 | PIC18LF4525                                                                                                                                                                                                                                              |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC18LF4525-I/ML | PIC18LF4525-I/ML Distributor           | PIC18LF4525-I/ML Supplier                               |
| PIC18LF4525-I/ML Price                         | PIC18LF4525-I/ML Pictures              | PIC18LF4525-I/ML Image                                  |
| PIC18LF4525-I/ML PDF Datasheet                 | PIC18LF4525-I/ML Download Datasheet    | PIC18LF4525-I/ML Datasheet                              |
| PIC18LF4525-I/ML Stock                         | Buy PIC18LF4525-I/ML                   | Buy Micrel / Microchip Technology PIC18LF4525-I/ML      |
| Micrel / Microchip Technology PIC18LF4525-I/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC18LF4525-I/ML | Microchip Technology PIC18LF4525-I/ML  | Roving Networks / Microchip Technology PIC18LF4525-I/ML |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                         |
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| <div><div><b>PIC18LF4525-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 48KB FLASH 40DIP<br/>In stock: 17741 pcs</div><div>RFQ</div></div>    | <div><div><b>PIC18LF452T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 13565 pcs</div><div>RFQ</div></div>   |
| <div><div><b>PIC18LF452T-I/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44PLCC<br/>In stock: 5033 pcs</div><div>RFQ</div></div>    | <div><div><b>PIC18LF4523-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 20070 pcs</div><div>RFQ</div></div>  |
| <div><div><b>PIC18LF4525-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 48KB FLASH 44TQFP<br/>In stock: 18299 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC18LF4523-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 23040 pcs</div><div>RFQ</div></div>    |
| <div><div><b>PIC18LF4523T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 21527 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC18LF4525T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 48KB FLASH 44TQFP<br/>In stock: 20715 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC18LF4523T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 18178 pcs</div><div>RFQ</div></div> | <div><div><b>PIC18LF4520T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 24442 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC18LF4525T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 48KB FLASH 44QFN<br/>In stock: 21841 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC18LF4523-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 16629 pcs</div><div>RFQ</div></div>   |

