

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18F4520-I/ML

Part Number: PIC18F4520-I/ML

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 8BIT 32KB FLASH 44QFN

Datasheets:

1.PIC18F4520-I/ML.pdf

2.PIC18F4520-I/ML.pdf

3.PIC18F4520-I/ML.pdf

4.PIC18F4520-I/ML.pdf

5.PIC18F4520-I/ML.pdf

6.PIC18F4520-I/ML.pdf

7.PIC18F4520-I/ML.pdf

8.PIC18F4520-I/ML.pdf

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 22946 pcs stock

REQUEST FOR QUOTATION

Hong Kong

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

Specifications of PIC18F4520-I/ML

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F4520-I/ML                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 44QFN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 22946 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DATA SHEET                       | <div>1.PIC18F4520-I/ML.pdf</div> <div>2.PIC18F4520-I/ML.pdf</div> <div>3.PIC18F4520-I/ML.pdf</div> <div>4.PIC18F4520-I/ML.pdf</div> <div>5.PIC18F4520-I/ML.pdf</div> <div>6.PIC18F4520-I/ML.pdf</div> <div>7.PIC18F4520-I/ML.pdf</div> <div>8.PIC18F4520-I/ML.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 44-QFN (8x8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SPEED                            | 40MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SERIES                           | PIC® 18F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RAM SIZE                         | 1.5K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 44-VQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OTHER NAMES                      | PIC18F4520IML                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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                      | 256 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DETAILED DESCRIPTION             | PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 32KB (16K 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                 | PIC18F4520                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

Related Tags

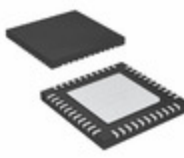
|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC18F4520-I/ML | PIC18F4520-I/ML Distributor            | PIC18F4520-I/ML Supplier                               |
| PIC18F4520-I/ML Price                         | PIC18F4520-I/ML Pictures               | PIC18F4520-I/ML Image                                  |
| PIC18F4520-I/ML PDF Datasheet                 | PIC18F4520-I/ML Download Datasheet     | PIC18F4520-I/ML Datasheet                              |
| PIC18F4520-I/ML Stock                         | Buy PIC18F4520-I/ML                    | Buy Micrel / Microchip Technology PIC18F4520-I/ML      |
| Micrel / Microchip Technology PIC18F4520-I/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC18F4520-I/ML | Microchip Technology PIC18F4520-I/ML   | Roving Networks / Microchip Technology PIC18F4520-I/ML |

Related Products



**PIC18F4520T-I/PT**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44TQFP  
In stock: 21625 pcs  

RFQ



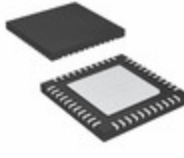
**PIC18F4523-E/ML**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44QFN  
In stock: 18034 pcs  

RFQ



**PIC18F4520 DEVELOPMENT BOARD KIT**  
Manufacturers: Custom Computer Services  
Description: BOARD DEV FOR PIC18F4520  
In stock: 4772 pcs  

RFQ



**PIC18F4520-E/ML**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44QFN  
In stock: 19609 pcs  

RFQ



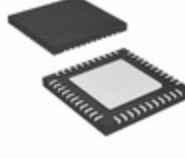
**PIC18F4520-E/P**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 40DIP  
In stock: 20059 pcs  

RFQ



**PIC18F452-I/PT**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44TQFP  
In stock: 12915 pcs  

RFQ



**PIC18F4520T-I/ML**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44QFN  
In stock: 19322 pcs  

RFQ



**PIC18F4523-E/P**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 40DIP  
In stock: 17399 pcs  

RFQ



**PIC18F4520-I/PT**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44TQFP  
In stock: 20521 pcs  

RFQ



**PIC18F4520-E/PT**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44TQFP  
In stock: 19376 pcs  

RFQ



**PIC18F452-I/P**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 40DIP  
In stock: 13205 pcs  

RFQ



**PIC18F4520-I/P**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 40DIP  
In stock: 23819 pcs  

RFQ

