



Microchip Technology

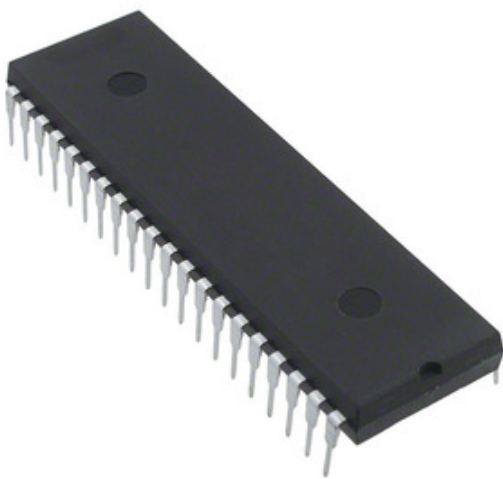


Image may be representation. See specifications for product details.

PIC18LF4520-I/P

Part Number:

PIC18LF4520-I/P

Manufacturer/Brand:

Micro Commercial Components (MCC)

Product description

IC MCU 8BIT 32KB FLASH 40DIP

 1.PIC18LF4520-I/P.pdf

 2.PIC18LF4520-I/P.pdf

 3.PIC18LF4520-I/P.pdf

 4.PIC18LF4520-I/P.pdf

 5.PIC18LF4520-I/P.pdf

 6.PIC18LF4520-I/P.pdf

 7.PIC18LF4520-I/P.pdf

 8.PIC18LF4520-I/P.pdf

Datasheets:

RoHs Status

 Lead free / RoHS Compliant

Ship From

Hong Kong

REQUEST FOR QUOTATION

L/Fedex/TNT/UPS/EMS

Specifications of PIC18LF4520-I/P

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18LF4520-I/P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MANUFACTURER                     | Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 40DIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DATA SHEET                       | <div><div> 1.PIC18LF4520-I/P.pdf</div><div> 2.PIC18LF4520-I/P.pdf</div><div> 3.PIC18LF4520-I/P.pdf</div><div> 4.PIC18LF4520-I/P.pdf</div><div> 5.PIC18LF4520-I/P.pdf</div><div> 6.PIC18LF4520-I/P.pdf</div><div> 7.PIC18LF4520-I/P.pdf</div><div> 8.PIC18LF4520-I/P.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| VOLTAGE - BREAKDOWN              | 40-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | PIC® 18F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ROHS STATUS                      | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| REVERSE RECOVERY TIME (TRR)      | 40MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| REQUIRES                         | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PROGRAM MEMORY TYPE              | 32KB (16K x 16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PROGRAM MEMORY SIZE              | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| POLARIZATION                     | 40-DIP (0.600", 15.24mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OTHER NAMES                      | PIC18LF4520IP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| OSCILLATOR TYPE                  | A/D 13x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| OPERATING SYSTEM                 | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER STANDARD LEAD TIME  | 5 Weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER PART NUMBER         | PIC18LF4520-I/P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| EXPANDED DESCRIPTION             | PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 32KB (16K x 16) FLASH 40-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 40DIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DATA SRAM BYTES                  | 256 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DATA CONVERTERS                  | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CORE SIZE                        | 1.5K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CONTROLLER SERIES                | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CONNECTIVITY                     | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CLOCK RATE                       | 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                                   |                                                   |                                                       |
|---------------------------------------------------|---------------------------------------------------|-------------------------------------------------------|
| Micro Commercial Components (MCC) PIC18LF4520-I/P | PIC18LF4520-I/P Distributor                       | PIC18LF4520-I/P Supplier                              |
| PIC18LF4520-I/P Price                             | PIC18LF4520-I/P Pictures                          | PIC18LF4520-I/P Image                                 |
| PIC18LF4520-I/P PDF Datasheet                     | PIC18LF4520-I/P Download Datasheet                | PIC18LF4520-I/P Datasheet                             |
| PIC18LF4520-I/P Stock                             | Buy PIC18LF4520-I/P                               | Buy Micro Commercial Components (MCC) PIC18LF4520-I/P |
| Micro Commercial Components (MCC) PIC18LF4520-I/P | Micro Commercial Components (MCC) Supplier        | Micro Commercial Components (MCC) Distributor         |
| Micro Commercial Components (MCC) PIC18LF4520-I/P | Micro Commercial Components PIC18LF4520-I/P       | MCC PIC18LF4520-I/P                                   |
| Micro Commercial Co PIC18LF4520-I/P               | Micro Commercial Components (MCC) PIC18LF4520-I/P |                                                       |

Related Products



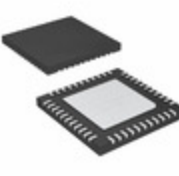
**PIC18LF4523-I/P**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 8BIT 32KB FLASH 40DIP

In stock: Out stock

RFQ



**PIC18LF4523-I/ML**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 8BIT 32KB FLASH 44QFN

In stock: 178 pcs

RFQ



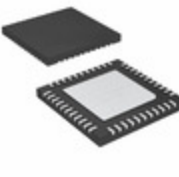
**PIC18LF4515T-I/PT**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 8BIT 48KB FLASH 44TQFP

In stock: Out stock

RFQ



**PIC18LF452-I/ML**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 8BIT 32KB FLASH 44QFN

In stock: 20 pcs

RFQ



**PIC18LF4520-I/PT**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 8BIT 32KB FLASH 44TQFP

In stock: Out stock

RFQ



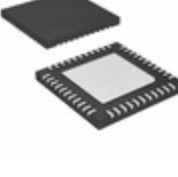
**PIC18LF452-I/P**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 8BIT 32KB FLASH 40DIP

In stock: 158 pcs

RFQ



**PIC18LF4520T-I/ML**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 8BIT 32KB FLASH 44QFN

In stock: Out stock

RFQ



**PIC18LF4520T-I/PT**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 8BIT 32KB FLASH 44TQFP

In stock: 838 pcs

RFQ



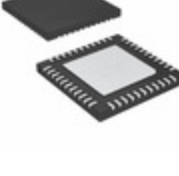
**PIC18LF452-I/L**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 8BIT 32KB FLASH 44PLCC

In stock: 142 pcs

RFQ



**PIC18LF4520-I/ML**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 8BIT 32KB FLASH 44QFN

In stock: Out stock

RFQ



**PIC18LF452-I/PT**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 8BIT 32KB FLASH 44TQFP

In stock: Out stock

RFQ



**PIC18LF4523-I/PT**

Manufacturers: Micrel / Microchip Technology

Description: IC MCU 8BIT 32KB FLASH 44TQFP

In stock: 708 pcs

RFQ

