



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18LC452-I/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18LC452-I/P                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB OTP 40DIP                                                                                   |
|                     |  1.PIC18LC452-I/P.pdf       |
|                     |  2.PIC18LC452-I/P.pdf       |
|                     |  3.PIC18LC452-I/P.pdf       |
|                     |  4.PIC18LC452-I/P.pdf       |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         | Hong Kong                                                                                                    |
| Ship From           |                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PIC18LC452-I/P

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18LC452-I/P                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 32KB OTP 40DIP                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.PIC18LC452-I/P.pdf<br> 2.PIC18LC452-I/P.pdf<br> 3.PIC18LC452-I/P.pdf<br> 4.PIC18LC452-I/P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 40-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SPEED                            | 40MHz                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | PIC® 18C                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RAM SIZE                         | 1.5K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                   |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 40-DIP (0.600", 15.24mm)                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 33                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MANUFACTURER STANDARD LEAD TIME  | 4 Weeks                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                   |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DETAILED DESCRIPTION             | PIC PIC® 18C Microcontroller IC 8-Bit 40MHz 32KB (16K x 16) OTP 40-PDIP                                                                                                                                                                                                                                                                                                                                                                      |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                         |
| BASE PART NUMBER                 | PIC18LC452                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology PIC18LC452-I/P | PIC18LC452-I/P Distributor             | PIC18LC452-I/P Supplier                               |
| PIC18LC452-I/P Price                         | PIC18LC452-I/P Pictures                | PIC18LC452-I/P Image                                  |
| PIC18LC452-I/P PDF Datasheet                 | PIC18LC452-I/P Download Datasheet      | PIC18LC452-I/P Datasheet                              |
| PIC18LC452-I/P Stock                         | Buy PIC18LC452-I/P                     | Buy Micrel / Microchip Technology PIC18LC452-I/P      |
| Micrel / Microchip Technology PIC18LC452-I/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC18LC452-I/P | Microchip Technology PIC18LC452-I/P    | Roving Networks / Microchip Technology PIC18LC452-I/P |

Related Products

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| <div></div> <div><b>PIC18LC601T-I/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT ROMLESS 68PLCC<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>PIC18LC452T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>PIC18LC452T-I/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>PIC18LC442T-I/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC18LC442-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB OTP 44TQFP<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>PIC18LC452-I/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>PIC18LC601-I/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT ROMLESS 68PLCC<br/>In stock: Out stock</div> <div>RFQ</div>    | <div></div> <div><b>PIC18LC452-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44TQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |
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