



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18F4523-E/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F4523-E/P                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 40DIP                                                                                 |
|                     |  1.PIC18F4523-E/P.pdf       |
|                     |  2.PIC18F4523-E/P.pdf       |
|                     |  3.PIC18F4523-E/P.pdf       |
|                     |  4.PIC18F4523-E/P.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17399 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

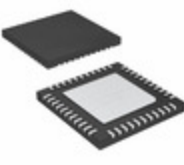
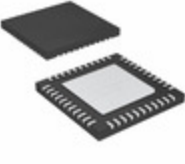
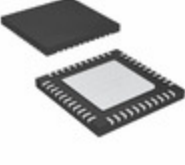
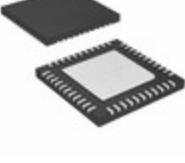
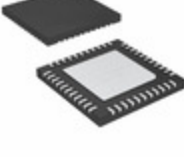
Specifications of PIC18F4523-E/P

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F4523-E/P                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 40DIP                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 17399 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.PIC18F4523-E/P.pdf<br> 2.PIC18F4523-E/P.pdf<br> 3.PIC18F4523-E/P.pdf<br> 4.PIC18F4523-E/P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 40-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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                   | 40-DIP (0.600", 15.24mm)                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 36                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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 40-PDIP                                                                                                                                                                                                                                                                                                                                                                    |
| DATA CONVERTERS                  | A/D 13x12b                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                         |
| BASE PART NUMBER                 | PIC18F4523                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology PIC18F4523-E/P | PIC18F4523-E/P Distributor             | PIC18F4523-E/P Supplier                               |
| PIC18F4523-E/P Price                         | PIC18F4523-E/P Pictures                | PIC18F4523-E/P Image                                  |
| PIC18F4523-E/P PDF Datasheet                 | PIC18F4523-E/P Download Datasheet      | PIC18F4523-E/P Datasheet                              |
| PIC18F4523-E/P Stock                         | Buy PIC18F4523-E/P                     | Buy Micrel / Microchip Technology PIC18F4523-E/P      |
| Micrel / Microchip Technology PIC18F4523-E/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC18F4523-E/P | Microchip Technology PIC18F4523-E/P    | Roving Networks / Microchip Technology PIC18F4523-E/P |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC18F4523-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 20168 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC18F4520-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 23819 pcs<br/><b>RFQ</b></div>    |
|  <div><b>PIC18F4523T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 22564 pcs<br/><b>RFQ</b></div> |  <div><b>PIC18F4520-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 22946 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC18F4523-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 18034 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC18F4523-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 20206 pcs<br/><b>RFQ</b></div>    |
|  <div><b>PIC18F4520-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 20521 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC18F4523-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 17184 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC18F4520T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 19322 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC18F4520T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 21625 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC18F4523-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 20792 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC18F4523T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 20876 pcs<br/><b>RFQ</b></div>  |