



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18F4455-I/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F4455-I/P                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 24KB FLASH 40DIP                                                                                 |
|                     | <a href="#">1.PIC18F4455-I/P.pdf</a>                                                                         |
|                     | <a href="#">2.PIC18F4455-I/P.pdf</a>                                                                         |
|                     | <a href="#">3.PIC18F4455-I/P.pdf</a>                                                                         |
|                     | <a href="#">4.PIC18F4455-I/P.pdf</a>                                                                         |
|                     | <a href="#">5.PIC18F4455-I/P.pdf</a>                                                                         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 23890 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

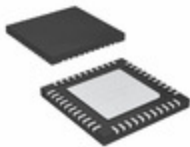
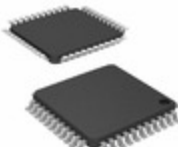
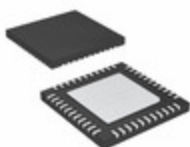
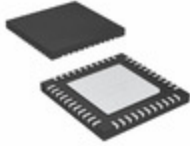
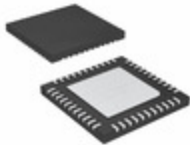
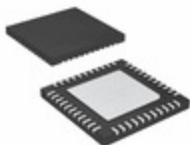
Specifications of PIC18F4455-I/P

|                                  |                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F4455-I/P                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 24KB FLASH 40DIP                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 23890 pcs                                                                                                                                                                                            |
| DATA SHEET                       | <a href="#">1.PIC18F4455-I/P.pdf</a><br><a href="#">2.PIC18F4455-I/P.pdf</a><br><a href="#">3.PIC18F4455-I/P.pdf</a><br><a href="#">4.PIC18F4455-I/P.pdf</a><br><a href="#">5.PIC18F4455-I/P.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.2 V ~ 5.5 V                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 40-PDIP                                                                                                                                                                                              |
| SPEED                            | 48MHz                                                                                                                                                                                                |
| SERIES                           | PIC® 18F                                                                                                                                                                                             |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 24KB (12K x 16)                                                                                                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                                                                                                                                          |
| PACKAGING                        | Tube                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 40-DIP (0.600", 15.24mm)                                                                                                                                                                             |
| OTHER NAMES                      | PIC18F4455IP                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                    |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                   |
| 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 48MHz 24KB (12K x 16) FLASH 40-PDIP                                                                                                                            |
| DATA CONVERTERS                  | A/D 13x10b                                                                                                                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, SPI, UART/USART, USB                                                                                                                                                                            |
| BASE PART NUMBER                 | PIC18F4455                                                                                                                                                                                           |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology PIC18F4455-I/P | PIC18F4455-I/P Distributor             | PIC18F4455-I/P Supplier                               |
| PIC18F4455-I/P Price                         | PIC18F4455-I/P Pictures                | PIC18F4455-I/P Image                                  |
| PIC18F4455-I/P PDF Datasheet                 | PIC18F4455-I/P Download Datasheet      | PIC18F4455-I/P Datasheet                              |
| PIC18F4455-I/P Stock                         | Buy PIC18F4455-I/P                     | Buy Micrel / Microchip Technology PIC18F4455-I/P      |
| Micrel / Microchip Technology PIC18F4455-I/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC18F4455-I/P | Microchip Technology PIC18F4455-I/P    | Roving Networks / Microchip Technology PIC18F4455-I/P |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC18F4458-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 40DIP<br/>In stock: 23167 pcs</div> <div>RFQ</div>   |  <div><b>PIC18F4450T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44QFN<br/>In stock: 6720 pcs</div> <div>RFQ</div>   |
|  <div><b>PIC18F4455-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44TQFP<br/>In stock: 22455 pcs</div> <div>RFQ</div> |  <div><b>PIC18F4455-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44QFN<br/>In stock: 23063 pcs</div> <div>RFQ</div>   |
|  <div><b>PIC18F4450-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: 27003 pcs</div> <div>RFQ</div>   |  <div><b>PIC18F4458-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44QFN<br/>In stock: 14513 pcs</div> <div>RFQ</div>   |
|  <div><b>PIC18F4450T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 3676 pcs</div> <div>RFQ</div> |  <div><b>PIC18F4455T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44QFN<br/>In stock: 24986 pcs</div> <div>RFQ</div>  |
|  <div><b>PIC18F4458-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44TQFP<br/>In stock: 17015 pcs</div> <div>RFQ</div> |  <div><b>PIC18F4450-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44QFN<br/>In stock: 27737 pcs</div> <div>RFQ</div>   |
|  <div><b>PIC18F4450-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 25394 pcs</div> <div>RFQ</div> |  <div><b>PIC18F4455T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44TQFP<br/>In stock: 19830 pcs</div> <div>RFQ</div> |