

PIC18F46K22-E/P



Part Number: [PIC18F46K22-E/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 40DIP

Data sheet:  [Next Generation Peripherals Brochure](#)  
 [PIC18\(L\)26K22,46K22 Errata](#)  
 [PIC18\(L\)F2x/4xK22 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

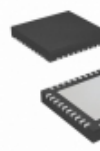
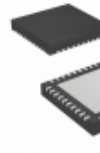
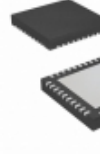
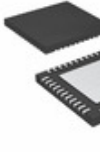
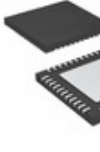
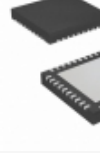
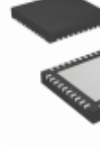
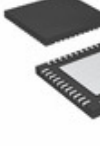
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                |                                 |                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC18F46K22-E/P                                                                | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 64KB FLASH 40DIP                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 29228 pcs                                                                      | Data sheet                      | <a href="#">Next Generation Peripherals Brochure</a><br><a href="#">PIC18(L)26K22,46K22 Errata</a><br><a href="#">PIC18(L)F2x/4xK22 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                      | Voltage - Supply (Vcc/Vdd)      | 2.3 V ~ 5.5 V                                                                                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 40-PDIP                                                                        | Speed                           | 48MHz                                                                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® XLP™ 18K                                                                  | RAM Size                        | 3.8K x 8                                                                                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                                                          | Program Memory Size             | 64KB (32K 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                   | 35                                                                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Not Applicable                                                                 | Manufacturer Standard Lead Time | 12 Weeks                                                                                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                                     | EEPROM Size                     | 1K x 8                                                                                                                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 48MHz 64KB (32K x 16) FLASH 40-PDIP | Data Converters                 | A/D 30x10b                                                                                                                                        |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                                          | Core Processor                  | PIC                                                                                                                                               |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | I²C, SPI, UART/USART                                                           | Base Part Number                | PIC18F46K22                                                                                                                                       |
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| RELATED PRODUCTS                                                                  |                                                                                        |                                                              |                |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC18F46K22T-I/MV</a><br>Description: IC MCU 8BIT 64KB FLASH 40UQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F46K20-I/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F46K20-E/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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| Related keywords for <b>PIC18F46K22-E/P</b>   |                                      |                                        |                       |
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