

PIC18LF46K40-E/P



**Part Number:** [PIC18LF46K40-E/P](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 8BIT 64KB FLASH 40DIP

**Data sheet:**  [PIC18\(L\)F26/45/46K40 Errata](#)  
 [PIC18\(L\)F26/45/46K40 Datasheet](#)  
 [PIC18\(L\)F2X,4X,6XK40 Brief](#)

**RoHs Status:** Lead free / RoHS Compliant

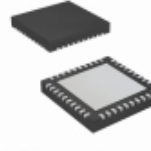
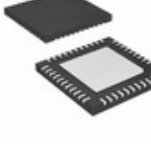
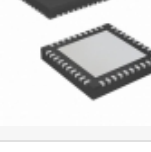
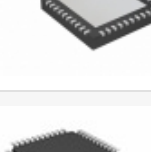
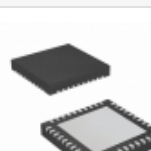
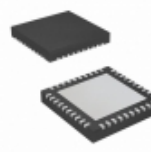
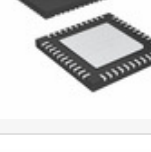
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                |                                 |                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC18LF46K40-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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 56768 pcs                                                                      | Data sheet                      | <a href="#">PIC18(L)F26/45/46K40 Errata</a><br><a href="#">PIC18(L)F26/45/46K40 Datasheet</a><br><a href="#">PIC18(L)F2X,4X,6XK40 Brief</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                      | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V                                                                                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 40-PDIP                                                                        | Speed                           | 64MHz                                                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC® XLP™ 18K                                                                  | RAM Size                        | 3.6K x 8                                                                                                                                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                                          | Program Memory Size             | 64KB (32K x 16)                                                                                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brown-out Detect/Reset, LVD, 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                                                                 | Manufacturer Standard Lead Time | 18 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 64MHz 64KB (32K x 16) FLASH 40-PDIP | Data Converters                 | A/D 35x10b, D/A 1x5b                                                                                                                        |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                                          | Core Processor                  | PIC                                                                                                                                         |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | I <sup>2</sup> C, LINbus, SPI, UART/USART                                      |                                 |                                                                                                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PIC18LF46K22T-I/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">PIC18LF46K22-I/ML</a><br>Description: IC MCU 8BIT 64KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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| Related keywords for PIC18LF46K40-E/P          |                                       |                                        |                        |
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