

PIC16LF15324-E/JQ



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**Part Number:** [PIC16LF15324-E/JQ](#)

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

**Description:** IC MCU 8BIT 7KB FLASH 16UQFN

**Data sheet:**  [PIC16\(L\)F15324,44 Datasheet](#)  
 [PIC16\(L\)F15324,44 Errata](#)  
 [PIC16\(L\)F153xx Product Brief](#)  
 [PIC16\(L\)F153xx Programming Specification](#)

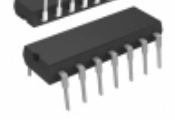
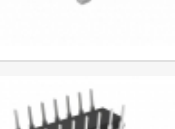
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                    |                                 |                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC16LF15324-E/JQ                                                                  | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC MCU 8BIT 7KB FLASH 16UQFN                                                       | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 73128 pcs                                                                          | Data sheet                      | <a href="#">PIC16(L)F15324,44 Datasheet</a><br><a href="#">PIC16(L)F15324,44 Errata</a><br><a href="#">PIC16(L)F153xx Product Brief</a><br><a href="#">PIC16(L)F153xx Programming Specification</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V                                                                                                                                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 16-UQFN (4x4)                                                                      | Speed                           | 32MHz                                                                                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC® XLP™ 16F                                                                      | RAM Size                        | 512 x 8                                                                                                                                                                                             |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FLASH                                                                              | Program Memory Size             | 7KB (4K x 14)                                                                                                                                                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Brown-out Detect/Reset, POR, PWM, WDT                                              | Packaging                       | Tube                                                                                                                                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16-UQFN Exposed Pad                                                                | Oscillator Type                 | Internal                                                                                                                                                                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 125°C (TA)                                                                 | Number of I/O                   | 12                                                                                                                                                                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 (168 Hours)                                                                      | Manufacturer Standard Lead Time | 30 Weeks                                                                                                                                                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                                                         | EEPROM Size                     | 224 x 8                                                                                                                                                                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 16-UQFN (4x4) | Data Converters                 | A/D 11x10b, D/A 1x5b                                                                                                                                                                                |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8-Bit                                                                              | Core Processor                  | PIC                                                                                                                                                                                                 |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | I²C, LINbus, SPI, UART/USART                                                       |                                 |                                                                                                                                                                                                     |
| <p>Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 73128 pieces of Micrel / Microchip Technology PIC16LF15324-E/JQ in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.</p> <p>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a></p> |                                                                                    |                                 |                                                                                                                                                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PIC16LF15324-E/SL</a><br>Description: IC MCU 8BIT 7KB FLASH 14SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF15324-E/ST</a><br>Description: IC MCU 8BIT 7KB FLASH 14TSSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF15323T-I/ST</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF15324T-I/JQ</a><br>Description: IC MCU 8BIT 7KB FLASH 16UQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF15324-E/P</a><br>Description: IC MCU 8BIT 7KB FLASH 14DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF15324T-I/SL</a><br>Description: IC MCU 8BIT 7KB FLASH 14SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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| Related keywords for PIC16LF15324-E/JQ          |                                        |                                        |                         |
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