

PIC16LF15324-E/ST



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See Product Specifications for product details.  
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**Part Number:** [PIC16LF15324-E/ST](#)

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

**Description:** IC MCU 8BIT 7KB FLASH 14TSSOP

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

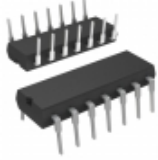
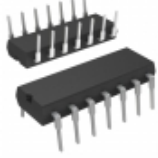
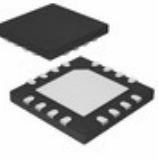
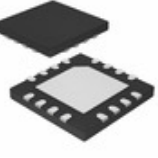
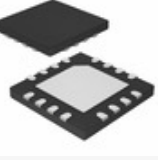
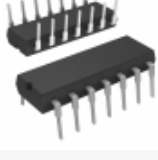
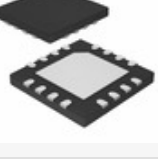
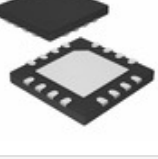
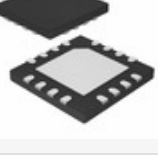
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                               |                                 |                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC16LF15324-E/ST                                                             | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 7KB FLASH 14TSSOP                                                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 69184 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 14-TSSOP                                                                      | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 14-TSSOP (0.173", 4.40mm Width)                                               | Oscillator Type                 | Internal                                                                                                                                                                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 125°C (TA)                                                            | Number of I/O                   | 12                                                                                                                                                                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                                 | Manufacturer Standard Lead Time | 14 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 14-TSSOP | Data Converters                 | A/D 11x10b, D/A 1x5b                                                                                                                                                                                |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                         | Core Processor                  | PIC                                                                                                                                                                                                 |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | I²C, LINbus, SPI, UART/USART                                                  |                                 |                                                                                                                                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PIC16LF15323-I/P</a><br>Description: IC MCU 8BIT 3.5KB FLASH 14DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF15324-I/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> |
|  | Part#: <a href="#">PIC16LF15324-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="#">PIC16LF15323T-I/JQ</a><br>Description: IC MCU 8BIT 3.5KB FLASH 16UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF15323-I/JQ</a><br>Description: IC MCU 8BIT 3.5KB FLASH 16UQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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|-------------------------------------------------|----------------------------------------|----------------------------------------|-------------------------|
| Related keywords for <b>PIC16LF15324-E/ST</b>   |                                        |                                        |                         |
| Micrel / Microchip Technology PIC16LF15324-E/ST | PIC16LF15324-E/ST distributor          | PIC16LF15324-E/ST supplier             | PIC16LF15324-E/ST price |
| PIC16LF15324-E/ST download datasheet            | PIC16LF15324-E/ST datasheet            | PIC16LF15324-E/ST stock                | buy PIC16LF15324-E/ST   |
| Micrel / Microchip Technology PIC16LF15324-E/ST | Microchip Technology PIC16LF15324-E/ST | Roving Networks / Microchip Technology |                         |
|                                                 |                                        | PIC16LF15324-E/ST                      |                         |