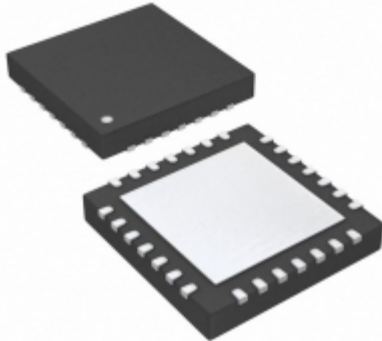


PIC16LF15354T-I/ML





Part Number: [PIC16LF15354T-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 28QFN

Data sheet:  [PIC16\(L\)F153xx Product Brief](#)  
 [PIC16\(L\)F15354,55 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

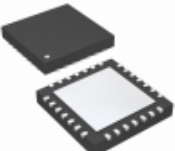
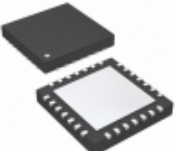
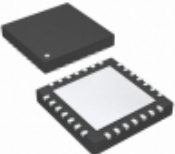
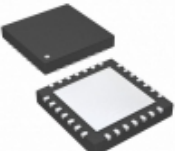
Ship From: Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PIC16LF15354T-I/ML                        | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 8BIT 7KB FLASH 28QFN               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 67087 pcs                                 | Data sheet                       | <a href="#">PIC16(L)F153xx Product Brief</a><br><a href="#">PIC16(L)F15354,55 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 28-QFN (6x6)                              | 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                        | Tape & Reel (TR)                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 28-VQFN Exposed Pad                       | Other Names                      | PIC16LF15354T-I/ML-ND<br>PIC16LF15354T-I/MLTR                                               |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 25                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4 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 28-QFN (6x6)           |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 24x10b, 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="#">PIC16LF15354-E/SO</a><br>Description: IC MCU 8BIT 7KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15354T-I/SO</a><br>Description: IC MCU 8BIT 7KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15354-E/SP</a><br>Description: IC MCU 8BIT 7KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15355-E/SS</a><br>Description: IC MCU 8BIT 14KB FLASH 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15354T-I/MV</a><br>Description: IC MCU 8BIT 7KB FLASH 28UQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15354-E/MV</a><br>Description: IC MCU 8BIT 7KB FLASH 28UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15355-E/ML</a><br>Description: IC MCU 8BIT 14KB FLASH 28QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15354-I/ML</a><br>Description: IC MCU 8BIT 7KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15354-I/MV</a><br>Description: IC MCU 8BIT 7KB FLASH 28UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16LF15354T-I/SS</a><br>Description: IC MCU 8BIT 7KB FLASH 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15354-E/SS</a><br>Description: IC MCU 8BIT 7KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15354-I/SP</a><br>Description: IC MCU 8BIT 7KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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