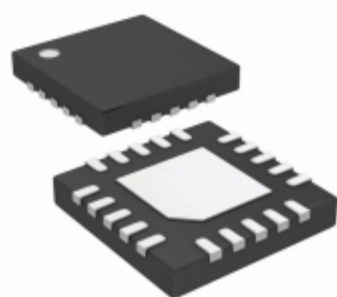


PIC16LF15345T-I/GZ



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: [PIC16LF15345T-I/GZ](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 20UQFN

Data sheet:  [PIC16\(L\)F153xx Product Brief](#)  
 [PIC16\(L\)F15325/45 Errata](#)  
 [PIC16\(L\)F15325/45 Datasheet](#)

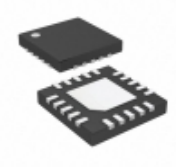
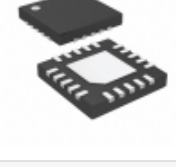
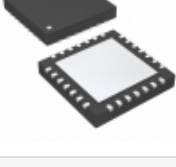
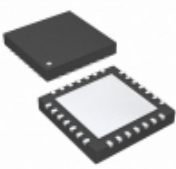
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PIC16LF15345T-I/GZ                        | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 8BIT 14KB FLASH 20UQFN             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 74416 pcs                                 | Data sheet                       | <a href="#">PIC16(L)F153xx Product Brief</a><br><a href="#">PIC16(L)F15325/45 Errata</a><br><a href="#">PIC16(L)F15325/45 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20-UQFN (4x4)                             | Speed                            | 32MHz                                                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PIC® XLP™ 16F                             | RAM Size                         | 1K x 8                                                                                                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                     | Program Memory Size              | 14KB (8K x 14)                                                                                                                          |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tape & Reel (TR)                                                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20-UQFN Exposed Pad                       | Other Names                      | PIC16LF15345T-I/GZ-ND<br>PIC16LF15345T-I/GZTR                                                                                           |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                       |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 18                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10 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 14KB (8K x 14) FLASH 20-UQFN (4x4)                                                     |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 17x10b, D/A 1x5b                      | Core Size                        | 8-Bit                                                                                                                                   |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC                                       | Connectivity                     | I²C, LINbus, SPI, UART/USART                                                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
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|  | 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="#">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-E/MV</a><br>Description: IC MCU 8BIT 7KB FLASH 28UQFN    | 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> |
|  | Part#: <a href="#">PIC16LF15345-I/SO</a><br>Description: IC MCU 8-BIT 14KB FLASH 20SOIC  | 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="#">PIC16LF15345-I/GZ</a><br>Description: IC MCU 8BIT 14KB FLASH 20UQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15345-E/SO</a><br>Description: IC MCU 8-BIT 14KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15345-E/SS</a><br>Description: IC MCU 8-BIT 14KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15344T-I/SS</a><br>Description: IC MCU 8BIT 7KB FLASH 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF15344T-I/SO</a><br>Description: IC MCU 8BIT 7KB FLASH 20SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16LF15354-E/ML</a><br>Description: IC MCU 8BIT 7KB FLASH 28QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16LF15345-I/SS</a><br>Description: IC MCU 8-BIT 14KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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