

PIC16LF1907-E/PT



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**Part Number:** [PIC16LF1907-E/PT](#)

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

**Description:** IC MCU 8BIT 14KB FLASH 44TQFP

**Data sheet:**  [PIC16LF1904,906,907 Datasheet](#)  
 [Next Generation Peripherals Brochure](#)  
 [PIC16LF190\(4,6,7\) Errata & Datasheet Clarification](#)

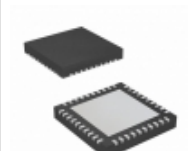
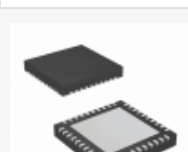
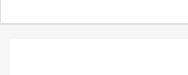
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                       |                                 |                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC16LF1907-E/PT                                                                      | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 14KB FLASH 44TQFP                                                         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 60624 pcs                                                                             | Data sheet                      | <a href="#">PIC16LF1904,906,907 Datasheet</a><br><a href="#">Next Generation Peripherals Brochure</a><br><a href="#">PIC16LF190(4,6,7) Errata &amp; Datasheet</a><br><a href="#">Clarification</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                             | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V                                                                                                                                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 44-TQFP (10x10)                                                                       | Speed                           | 20MHz                                                                                                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC® XLP™ 16F                                                                         | RAM Size                        | 512 x 8                                                                                                                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                                                 | Program Memory Size             | 14KB (8K x 14)                                                                                                                                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brown-out Detect/Reset, LCD, POR, PWM, WDT                                            | Packaging                       | Tray                                                                                                                                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 44-TQFP                                                                               | Oscillator Type                 | Internal                                                                                                                                                                                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 125°C (TA)                                                                    | Number of I/O                   | 36                                                                                                                                                                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                                                                         | Manufacturer Standard Lead Time | 4 Weeks                                                                                                                                                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                                            | EEPROM Size                     | -                                                                                                                                                                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 20MHz 14KB (8K x 14) FLASH 44-TQFP (10x10) | Data Converters                 | A/D 14x10b                                                                                                                                                                                         |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                                                 | Core Processor                  | PIC                                                                                                                                                                                                |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LINbus, UART/USART                                                                    | Base Part Number                | PIC16LF1907                                                                                                                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PIC16LF19155-E/MV</a><br>Description: 14KB FLASH, 1KB RAM, 256KB EE, L | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF1907-E/P</a><br>Description: IC MCU 8BIT 14KB FLASH 40DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF19155-E/SO</a><br>Description: 14KB FLASH, 1KB RAM, 256KB EE, L | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF1907-I/PT</a><br>Description: IC MCU 8BIT 14KB FLASH 44TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF1907-E/MV</a><br>Description: IC MCU 8BIT 14KB FLASH 40UQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF1906-I/SO</a><br>Description: IC MCU 8BIT 14KB FLASH 28SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF1907T-I/PT</a><br>Description: IC MCU 8BIT 14KB FLASH 44TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF1907-I/MV</a><br>Description: IC MCU 8BIT 14KB FLASH 40UQFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF19155-E/SS</a><br>Description: 14KB FLASH, 1KB RAM, 256KB EE, L | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF1906-I/SS</a><br>Description: IC MCU 8BIT 14KB FLASH 28SSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF1907T-I/MV</a><br>Description: IC MCU 8BIT 14KB FLASH 40UQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF19155-E/SP</a><br>Description: 14KB FLASH, 1KB RAM, 256KB EE, L | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF1906-I/SP</a><br>Description: IC MCU 8BIT 14KB FLASH 28SDIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF1906T-I/MV</a><br>Description: IC MCU 8BIT 14KB FLASH 28UQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16LF19155-I/MV</a><br>Description: 14KB FLASH, 1KB RAM, 256KB EE, L | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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|------------------------------------------------|---------------------------------------|----------------------------------------|------------------------|
| Related keywords for <b>PIC16LF1907-E/PT</b>   |                                       |                                        |                        |
| Micrel / Microchip Technology PIC16LF1907-E/PT | PIC16LF1907-E/PT distributor          | PIC16LF1907-E/PT supplier              | PIC16LF1907-E/PT price |
| PIC16LF1907-E/PT download datasheet            | PIC16LF1907-E/PT datasheet            | PIC16LF1907-E/PT stock                 | buy PIC16LF1907-E/PT   |
| Micrel / Microchip Technology PIC16LF1907-E/PT | Microchip Technology PIC16LF1907-E/PT | Roving Networks / Microchip Technology | PIC16LF1907-E/PT       |