

PIC16F874-10E/P



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Part Number: [PIC16F874-10E/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 40DIP

Data sheet: 

 [PIC16F87x Rev B5 Silicon Errata Sheet](#)

 [PIC16F87x Datasheet](#)

 [PIC16F87x Rev B Silicon Errata](#)

 [Tips N Tricks Guide](#)

 [Timer1 Errata](#)

 [PICmicro™ Reference Manual](#)

 [MPLAB® ICE2000 Spec](#)

 [PIC16F87x Rev B3 Silicon Errata](#)

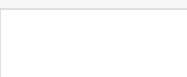
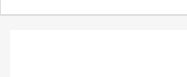
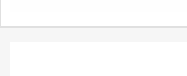
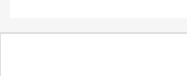
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                         |                                  |                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC16F874-10E/P                                                         | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 7KB FLASH 40DIP                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5537 pcs                                                                | Data sheet                       | <a href="#">PIC16F87x Rev B5 Silicon Errata Sheet</a><br><a href="#">PIC16F87x Datasheet</a><br><a href="#">PIC16F87x Rev B Silicon Errata</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">Timer1 Errata</a><br><a href="#">PICmicro™ Reference Manual</a><br><a href="#">MPLAB® ICE2000 Spec</a><br><a href="#">PIC16F87x Rev B3 Silicon Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage - Supply (Vcc/Vdd)       | 4 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 40-PDIP                                                                 | Speed                            | 10MHz                                                                                                                                                                                                                                                                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC® 16F                                                                | RAM Size                         | 192 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40-DIP (0.600", 15.24mm)                                                | Other Names                      | PIC16F87410E/P                                                                                                                                                                                                                                                                                                                                                 |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | External                                                                | Operating Temperature            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 33                                                                      | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                              | EEPROM Size                      | 128 x 8                                                                                                                                                                                                                                                                                                                                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC PIC® 16F Microcontroller IC 8-Bit 10MHz 7KB (4K x 14) FLASH 40-PDIP | Data Converters                  | A/D 8x10b                                                                                                                                                                                                                                                                                                                                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-Bit                                                                   | Core Processor                   | PIC                                                                                                                                                                                                                                                                                                                                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC, SPI, UART/USART                                                     | Base Part Number                 | PIC16F874                                                                                                                                                                                                                                                                                                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 5537 pieces of Micrel / Microchip Technology PIC16F874-10E/P in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                         |                                  |                                                                                                                                                                                                                                                                                                                                                                |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC16F874-04E/P</a><br>Description: IC MCU 8BIT 7KB FLASH 40DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F874-04I/PQ</a><br>Description: IC MCU 8BIT 7KB FLASH 44MQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F874-10E/L</a><br>Description: IC MCU 8BIT 7KB FLASH 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F874-20/PQ</a><br>Description: IC MCU 8BIT 7KB FLASH 44MQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F874-20I/PT</a><br>Description: IC MCU 8BIT 7KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16F874-04I/P</a><br>Description: IC MCU 8BIT 7KB FLASH 40DIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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| Related keywords for PIC16F874-10E/P          |                                      |                                        |                       |
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