

PIC16LF874-04/PT





Part Number: [PIC16LF874-04/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 44TQFP

Data sheet:  [PIC16F87x Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

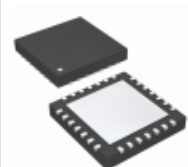
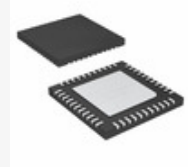
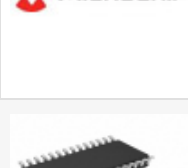
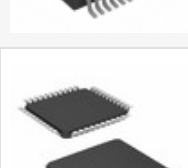
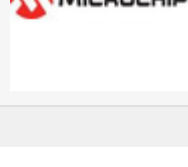
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                |                                 |                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC16LF874-04/PT                                                               | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 7KB FLASH 44TQFP                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 11000 pcs                                                                      | Data sheet                      | <a href="#">PIC16F87x Datasheet</a>           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                      | Voltage - Supply (Vcc/Vdd)      | 2 V ~ 5.5 V                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                   | 44-TQFP (10x10)                                                                | Speed                           | 4MHz                                          |
| 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                       | Tray                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                            | 44-TQFP                                                                        | Oscillator Type                 | External                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                     | 0°C ~ 70°C (TA)                                                                | Number of I/O                   | 33                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                          | 3 (168 Hours)                                                                  | Manufacturer Standard Lead Time | 4 Weeks                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                                     | EEPROM Size                     | 128 x 8                                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                      | PIC PIC® 16F Microcontroller IC 8-Bit 4MHz 7KB (4K x 14) FLASH 44-TQFP (10x10) | Data Converters                 | A/D 8x10b                                     |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                          | Core Processor                  | PIC                                           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                              | I <sup>2</sup> C, SPI, UART/USART                                              | Base Part Number                | PIC16LF874                                    |
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|  | Part#: <a href="#">PIC16LF873T-04/SO</a><br>Description: IC MCU 8BIT 7KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
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|  | Part#: <a href="#">PIC16LF873AT-I/SOG</a><br>Description: IC MCU 8BIT 7KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
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|  | Part#: <a href="#">PIC16LF874A-I/L</a><br>Description: IC MCU 8BIT 7KB FLASH 44PLCC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">PIC16LF874AT-I/L</a><br>Description: IC MCU 8BIT 7KB FLASH 44PLCC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
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| Related keywords for PIC16LF874-04/PT          |                                       |                                        |                        |
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