

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F884-E/P

Part Number: PIC16F884-E/P

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 8BIT 7KB FLASH 40DIP

Datasheets:

1.PIC16F884-E/P.pdf

2.PIC16F884-E/P.pdf

3.PIC16F884-E/P.pdf

4.PIC16F884-E/P.pdf

5.PIC16F884-E/P.pdf

6.PIC16F884-E/P.pdf

RoHs Status: Lead free / RoHS Compliant

Stock Condition: 44619 pcs stock

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

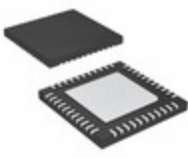
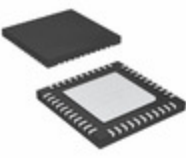
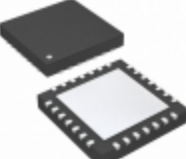
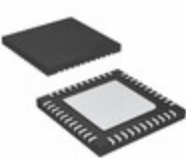
Specifications of PIC16F884-E/P

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F884-E/P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 40DIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 44619 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       | <div><div>1.PIC16F884-E/P.pdf</div><div>2.PIC16F884-E/P.pdf</div><div>3.PIC16F884-E/P.pdf</div><div>4.PIC16F884-E/P.pdf</div><div>5.PIC16F884-E/P.pdf</div><div>6.PIC16F884-E/P.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 40-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SERIES                           | PIC® 16F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RAM SIZE                         | 256 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DETAILED DESCRIPTION             | PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 7KB (4K x 14) FLASH 40-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DATA CONVERTERS                  | A/D 14x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| BASE PART NUMBER                 | PIC16F884                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology PIC16F884-E/P | PIC16F884-E/P Distributor              | PIC16F884-E/P Supplier                               |
| PIC16F884-E/P Price                         | PIC16F884-E/P Pictures                 | PIC16F884-E/P Image                                  |
| PIC16F884-E/P PDF Datasheet                 | PIC16F884-E/P Download Datasheet       | PIC16F884-E/P Datasheet                              |
| PIC16F884-E/P Stock                         | Buy PIC16F884-E/P                      | Buy Micrel / Microchip Technology PIC16F884-E/P      |
| Micrel / Microchip Technology PIC16F884-E/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology PIC16F884-E/P | Microchip Technology PIC16F884-E/P     | Roving Networks / Microchip Technology PIC16F884-E/P |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>PIC16F884-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 44QFN<br/>In stock: 43092 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>PIC16F884-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 44QFN<br/>In stock: 39967 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>PIC16F884-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 44TQFP<br/>In stock: 43743 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC16F883T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28QFN<br/>In stock: 51301 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC16F883-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SSOP<br/>In stock: 57130 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC16F884T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 44QFN<br/>In stock: 48797 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC16F884-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 44TQFP<br/>In stock: 47184 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC16F883-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SDIP<br/>In stock: 44999 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC16F883T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SSOP<br/>In stock: 47578 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>PIC16F884-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 40DIP<br/>In stock: 52047 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>PIC16F883T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SOIC<br/>In stock: 44519 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>PIC16F884T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 44TQFP<br/>In stock: 41855 pcs<br/><div>RFQ</div></div> |