

PIC16F84A-20E/P



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**Part Number:** [PIC16F84A-20E/P](#)

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

**Description:** IC MCU 8BIT 1.75KB FLASH 18DIP

**Data sheet:**  [PIC16F84A](#)  
 [Tips N Tricks Guide](#)  
 [PIC16F84A Errata Sheet](#)  
 [PICmicro™ Reference Manual](#)  
 [MPLAB® ICE2000 Spec](#)

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

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                            |                                 |                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC16F84A-20E/P                                                            | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 1.75KB FLASH 18DIP                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 20410 pcs                                                                  | Data sheet                      | <a href="#">PIC16F84A</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">PIC16F84A Errata Sheet</a><br><a href="#">PICmicro™ Reference Manual</a><br><a href="#">MPLAB® ICE2000 Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                  | Voltage - Supply (Vcc/Vdd)      | 4 V ~ 5.5 V                                                                                                                                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 18-PDIP                                                                    | Speed                           | 20MHz                                                                                                                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® 16F                                                                   | RAM Size                        | 68 x 8                                                                                                                                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                                                      | Program Memory Size             | 1.75KB (1K x 14)                                                                                                                                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | POR, WDT                                                                   | Packaging                       | Tube                                                                                                                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 18-DIP (0.300", 7.62mm)                                                    | Oscillator Type                 | External                                                                                                                                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 125°C (TA)                                                         | Number of I/O                   | 13                                                                                                                                                                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                                                              | Manufacturer Standard Lead Time | 6 Weeks                                                                                                                                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                                 | EEPROM Size                     | 64 x 8                                                                                                                                                                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 1.75KB (1K x 14) FLASH 18-PDIP | Data Converters                 | -                                                                                                                                                                                               |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                                      | Core Processor                  | PIC                                                                                                                                                                                             |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                          | Base Part Number                | PIC16F84A                                                                                                                                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 20410 pieces of Micrel / Microchip Technology PIC16F84A-20E/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                                                                   |                                                                                          |                                                              |                     |
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