

MICROCHIP

Micrel / Microchip Technology

PIC16F84A-20E/SO

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F84A-20E/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product description | IC MCU 8BIT 1.75KB FLASH 18SOIC <div> 1.PIC16F84A-20E/SO.pdf</div> <div> 2.PIC16F84A-20E/SO.pdf</div> <div> 3.PIC16F84A-20E/SO.pdf</div> <div> 4.PIC16F84A-20E/SO.pdf</div> <div> 5.PIC16F84A-20E/SO.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Stock Condition     | 5602 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of PIC16F84A-20E/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F84A-20E/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC MCU 8BIT 1.75KB FLASH 18SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 5602 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       | <div> 1.PIC16F84A-20E/SO.pdf</div> <div> 2.PIC16F84A-20E/SO.pdf</div> <div> 3.PIC16F84A-20E/SO.pdf</div> <div> 4.PIC16F84A-20E/SO.pdf</div> <div> 5.PIC16F84A-20E/SO.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 18-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| BASE PART NUMBER                 | PIC16F84A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16F84A-20E/SO | PIC16F84A-20E/SO Distributor           | PIC16F84A-20E/SO Supplier                               |
| PIC16F84A-20E/SO Price                         | PIC16F84A-20E/SO Pictures              | PIC16F84A-20E/SO Image                                  |
| PIC16F84A-20E/SO PDF Datasheet                 | PIC16F84A-20E/SO Download Datasheet    | PIC16F84A-20E/SO Datasheet                              |
| PIC16F84A-20E/SO Stock                         | Buy PIC16F84A-20E/SO                   | Buy Micrel / Microchip Technology PIC16F84A-20E/SO      |
| Micrel / Microchip Technology PIC16F84A-20E/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16F84A-20E/SO | Microchip Technology PIC16F84A-20E/SO  | Roving Networks / Microchip Technology PIC16F84A-20E/SO |

Related Products

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| <div>MICROCHIP</div> <div><b>PIC16F84A-20E/SS</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP</div> <div>In stock: 3812 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div><b>PIC16F84AT-04/SO</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC</div> <div>In stock: 27220 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC16F84A-20E/P</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 1.75KB FLASH 18DIP</div> <div>In stock: 18253 pcs</div> <div>RFQ</div>            | <div>MICROCHIP</div> <div><b>PIC16F84A-04I/SS</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP</div> <div>In stock: 24327 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div><b>PIC16F84A-04I/SO</b></div> <div>Manufacturers: Microchip Technology</div> <div>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC</div> <div>In stock: 24394 pcs</div> <div>RFQ</div>          | <div>MICROCHIP</div> <div><b>PIC16F84A-20/SO</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC</div> <div>In stock: 22061 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div><b>PIC16F84AT-04/SS</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP</div> <div>In stock: 6508 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC16F84A-20/P</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 1.75KB FLASH 18DIP</div> <div>In stock: 24452 pcs</div> <div>RFQ</div>             |
| <div>MICROCHIP</div> <div><b>PIC16F84A-20I/SO</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC</div> <div>In stock: 20310 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>PIC16F84A-20I/SS</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP</div> <div>In stock: 18513 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC16F84A-20I/P</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 1.75KB FLASH 18DIP</div> <div>In stock: 21492 pcs</div> <div>RFQ</div>            | <div>MICROCHIP</div> <div><b>PIC16F84A-20/SS</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP</div> <div>In stock: 22608 pcs</div> <div>RFQ</div>  |