



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16C74B-20I/PQ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16C74B-20I/PQ                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 7KB OTP 44MQFP                                                                                   |
|                     |  1.PIC16C74B-20I/PQ.pdf     |
|                     |  2.PIC16C74B-20I/PQ.pdf     |
|                     |  3.PIC16C74B-20I/PQ.pdf     |
|                     |  4.PIC16C74B-20I/PQ.pdf     |
|                     |  5.PIC16C74B-20I/PQ.pdf     |
|                     |  6.PIC16C74B-20I/PQ.pdf     |
|                     |  7.PIC16C74B-20I/PQ.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 12328 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
|                     | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PIC16C74B-20I/PQ

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16C74B-20I/PQ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC MCU 8BIT 7KB OTP 44MQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 12328 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       |  1.PIC16C74B-20I/PQ.pdf<br> 2.PIC16C74B-20I/PQ.pdf<br> 3.PIC16C74B-20I/PQ.pdf<br> 4.PIC16C74B-20I/PQ.pdf<br> 5.PIC16C74B-20I/PQ.pdf<br> 6.PIC16C74B-20I/PQ.pdf<br> 7.PIC16C74B-20I/PQ.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 44-MQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SERIES                           | PIC® 16C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RAM SIZE                         | 192 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 7KB (4K x 14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 44-QFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| NUMBER OF I/O                    | 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DETAILED DESCRIPTION             | PIC PIC® 16C Microcontroller IC 8-Bit 20MHz 7KB (4K x 14) OTP 44-MQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DATA CONVERTERS                  | A/D 8x8b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | PIC16C74B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16C74B-20I/PQ | PIC16C74B-20I/PQ Distributor           | PIC16C74B-20I/PQ Supplier                               |
| PIC16C74B-20I/PQ Price                         | PIC16C74B-20I/PQ Pictures              | PIC16C74B-20I/PQ Image                                  |
| PIC16C74B-20I/PQ PDF Datasheet                 | PIC16C74B-20I/PQ Download Datasheet    | PIC16C74B-20I/PQ Datasheet                              |
| PIC16C74B-20I/PQ Stock                         | Buy PIC16C74B-20I/PQ                   | Buy Micrel / Microchip Technology PIC16C74B-20I/PQ      |
| Micrel / Microchip Technology PIC16C74B-20I/PQ | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16C74B-20I/PQ | Microchip Technology PIC16C74B-20I/PQ  | Roving Networks / Microchip Technology PIC16C74B-20I/PQ |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                            |
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|  <div><b>PIC16C74BT-04/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44TQFP<br/>In stock: 4662 pcs<br/><b>RFQ</b></div> |  <div><b>PIC16C74B-20E/PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44MQFP<br/>In stock: 5716 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC16C74B-20E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 40DIP<br/>In stock: 13374 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC16C74B-20I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 40DIP<br/>In stock: 16329 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC16C74B/JW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB EPROM 40CDIP<br/>In stock: 6402 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC16C74BT-04/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44PLCC<br/>In stock: 3777 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC16C74BT-04/PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44MQFP<br/>In stock: 4586 pcs<br/><b>RFQ</b></div> |  <div><b>PIC16C74B-20E/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44PLCC<br/>In stock: 5054 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC16C74B-20I/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44PLCC<br/>In stock: 9187 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC16C74B-20I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44TQFP<br/>In stock: 10387 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC16C74B-20E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44TQFP<br/>In stock: 4308 pcs<br/><b>RFQ</b></div> |  <div><b>PIC16C74BT-04E/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44PLCC<br/>In stock: 5491 pcs<br/><b>RFQ</b></div>  |

