



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16C505-20/P

|                     |                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16C505-20/P                                                                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                |
| Product description | IC MCU 8BIT 1.5KB OTP 14DIP                                                                                                                                  |
| Datasheets:         | <a href="#">1.PIC16C505-20/P.pdf</a><br><a href="#">2.PIC16C505-20/P.pdf</a><br><a href="#">3.PIC16C505-20/P.pdf</a><br><a href="#">4.PIC16C505-20/P.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                                                 |
| Ship From           | Hong Kong                                                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                        |

REQUEST FOR QUOTATION

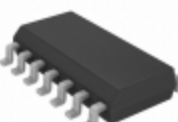
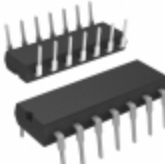
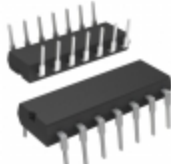
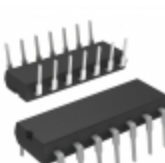
Specifications of PIC16C505-20/P

|                                  |                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16C505-20/P                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 1.5KB OTP 14DIP                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                   |
| DATA SHEET                       | <a href="#">1.PIC16C505-20/P.pdf</a><br><a href="#">2.PIC16C505-20/P.pdf</a><br><a href="#">3.PIC16C505-20/P.pdf</a><br><a href="#">4.PIC16C505-20/P.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 14-PDIP                                                                                                                                                      |
| SPEED                            | 20MHz                                                                                                                                                        |
| SERIES                           | PIC® 16C                                                                                                                                                     |
| RAM SIZE                         | 72 x 8                                                                                                                                                       |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                          |
| PROGRAM MEMORY SIZE              | 1.5KB (1K x 12)                                                                                                                                              |
| PERIPHERALS                      | POR, WDT                                                                                                                                                     |
| PACKAGING                        | Tube                                                                                                                                                         |
| PACKAGE / CASE                   | 14-DIP (0.300", 7.62mm)                                                                                                                                      |
| OTHER NAMES                      | PIC16C50520P                                                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                     |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                              |
| NUMBER OF I/O                    | 11                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                |
| MANUFACTURER STANDARD LEAD TIME  | 30 Weeks                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                   |
| EEPROM SIZE                      | -                                                                                                                                                            |
| DETAILED DESCRIPTION             | PIC PIC® 16C Microcontroller IC 8-Bit 20MHz 1.5KB (1K x 12) OTP 14-PDIP                                                                                      |
| DATA CONVERTERS                  | -                                                                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                                                        |
| CORE PROCESSOR                   | PIC                                                                                                                                                          |
| CONNECTIVITY                     | -                                                                                                                                                            |
| BASE PART NUMBER                 | PIC16C505                                                                                                                                                    |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology PIC16C505-20/P | PIC16C505-20/P Distributor             | PIC16C505-20/P Supplier                               |
| PIC16C505-20/P Price                         | PIC16C505-20/P Pictures                | PIC16C505-20/P Image                                  |
| PIC16C505-20/P PDF Datasheet                 | PIC16C505-20/P Download Datasheet      | PIC16C505-20/P Datasheet                              |
| PIC16C505-20/P Stock                         | Buy PIC16C505-20/P                     | Buy Micrel / Microchip Technology PIC16C505-20/P      |
| Micrel / Microchip Technology PIC16C505-20/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC16C505-20/P | Microchip Technology PIC16C505-20/P    | Roving Networks / Microchip Technology PIC16C505-20/P |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16C505/JW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB EPROM 14CDIP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>PIC16C505-20/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 14SOIC<br/>In stock: 17 pcs<br/><b>RFQ</b></div>     |
|  <div><b>PIC16C505-04E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 14SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC16C505-04I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 14SOIC<br/>In stock: 298 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC16C505-04I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 14DIP<br/>In stock: 252 pcs<br/><b>RFQ</b></div>     |  <div><b>PIC16C505-20E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 14DIP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>PIC16C505-04E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 14DIP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>PIC16C505-04/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 14DIP<br/>In stock: 190 pcs<br/><b>RFQ</b></div>      |
|  <div><b>PIC16C505-20I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 14DIP<br/>In stock: 500 pcs<br/><b>RFQ</b></div>     |  <div><b>PIC16C505-20I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 14SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC16C505-04/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 14SOIC<br/>In stock: 775 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC16C505-20E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 14SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div> |