

MICROCHIP

Micrel / Microchip Technology



PIC12C509-04/P

Part Number: PIC12C509-04/P

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 8BIT 1.5KB OTP 8DIP

 1.PIC12C509-04/P.pdf

 2.PIC12C509-04/P.pdf

 3.PIC12C509-04/P.pdf

 4.PIC12C509-04/P.pdf

 5.PIC12C509-04/P.pdf

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 49493 pcs stock

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

Specifications of PIC12C509-04/P

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC12C509-04/P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 1.5KB OTP 8DIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 49493 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DATA SHEET                       | <div> 1.PIC12C509-04/P.pdf<div> 2.PIC12C509-04/P.pdf<div> 3.PIC12C509-04/P.pdf<div> 4.PIC12C509-04/P.pdf<div> 5.PIC12C509-04/P.pdf</div></div></div></div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 8-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SPEED                            | 4MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | PIC® 12C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RAM SIZE                         | 41 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PROGRAM MEMORY SIZE              | 1.5KB (1K x 12)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PERIPHERALS                      | POR, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 8-DIP (0.300", 7.62mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DETAILED DESCRIPTION             | PIC PIC® 12C Microcontroller IC 8-Bit 4MHz 1.5KB (1K x 12) OTP 8-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | PIC12C509                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology PIC12C509-04/P | PIC12C509-04/P Distributor             | PIC12C509-04/P Supplier                               |
| PIC12C509-04/P Price                         | PIC12C509-04/P Pictures                | PIC12C509-04/P Image                                  |
| PIC12C509-04/P PDF Datasheet                 | PIC12C509-04/P Download Datasheet      | PIC12C509-04/P Datasheet                              |
| PIC12C509-04/P Stock                         | Buy PIC12C509-04/P                     | Buy Micrel / Microchip Technology PIC12C509-04/P      |
| Micrel / Microchip Technology PIC12C509-04/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC12C509-04/P | Microchip Technology PIC12C509-04/P    | Roving Networks / Microchip Technology PIC12C509-04/P |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                 |
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| <div>MICROCHIP</div> <div><b>PIC12C508T-04I/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B OTP 8SOIJ<br/>In stock: 51251 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div><b>PIC12C509-04E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8DIP<br/>In stock: 57267 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div><b>PIC12C509-04/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ<br/>In stock: 52877 pcs</div> <div>RFQ</div>   | <div>MICROCHIP</div> <div><b>PIC12C509-04E/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ<br/>In stock: 48273 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC12C509/JW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB EPROM 8CDIP<br/>In stock: 2757 pcs</div> <div>RFQ</div>              | <div></div> <div><b>PIC12C508AT-04I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B OTP 8SOIC<br/>In stock: 70183 pcs</div> <div>RFQ</div>         |
| <div>MICROCHIP</div> <div><b>PIC12C508AT-04I/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B OTP 8SOIJ<br/>In stock: 90064 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>PIC12C509-04I/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ<br/>In stock: 39608 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div><b>PIC12C509-04I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8DIP<br/>In stock: 49705 pcs</div> <div>RFQ</div>    | <div>MICROCHIP</div> <div><b>PIC12C508T-04/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B OTP 8SOIJ<br/>In stock: 60568 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div><b>PIC12C508T-04E/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B OTP 8SOIJ<br/>In stock: 4326 pcs</div> <div>RFQ</div>   | <div>MICROCHIP</div> <div><b>PIC12C508AT-04I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B OTP 8DFNS<br/>In stock: 4488 pcs</div> <div>RFQ</div> |