



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC12F508-I/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC12F508-I/P                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 768B FLASH 8DIP                                                                                  |
|                     |  1.PIC12F508-I/P.pdf        |
|                     |  2.PIC12F508-I/P.pdf        |
|                     |  3.PIC12F508-I/P.pdf        |
|                     |  4.PIC12F508-I/P.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 130015 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

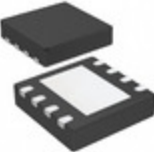
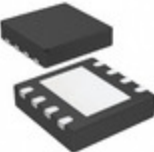
Specifications of PIC12F508-I/P

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC12F508-I/P                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 768B FLASH 8DIP                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 130015 pcs                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DATA SHEET                       |  1.PIC12F508-I/P.pdf<br> 2.PIC12F508-I/P.pdf<br> 3.PIC12F508-I/P.pdf<br> 4.PIC12F508-I/P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 8-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SPEED                            | 4MHz                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | PIC® 12F                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RAM SIZE                         | 25 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 768B (512 x 12)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PERIPHERALS                      | POR, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 8-DIP (0.300", 7.62mm)                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OTHER NAMES                      | PIC12F508IP                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 5                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | PIC PIC® 12F Microcontroller IC 8-Bit 4MHz 768B (512 x 12) FLASH 8-PDIP                                                                                                                                                                                                                                                                                                                                                                  |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | PIC12F508                                                                                                                                                                                                                                                                                                                                                                                                                                |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology PIC12F508-I/P | PIC12F508-I/P Distributor              | PIC12F508-I/P Supplier                               |
| PIC12F508-I/P Price                         | PIC12F508-I/P Pictures                 | PIC12F508-I/P Image                                  |
| PIC12F508-I/P PDF Datasheet                 | PIC12F508-I/P Download Datasheet       | PIC12F508-I/P Datasheet                              |
| PIC12F508-I/P Stock                         | Buy PIC12F508-I/P                      | Buy Micrel / Microchip Technology PIC12F508-I/P      |
| Micrel / Microchip Technology PIC12F508-I/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology PIC12F508-I/P | Microchip Technology PIC12F508-I/P     | Roving Networks / Microchip Technology PIC12F508-I/P |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
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|  <div><b>PIC12F508-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8MSOP<br/>In stock: 147983 pcs<br/>RFQ</div>  |  <div><b>PIC12F508T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8SOIC<br/>In stock: 5828 pcs<br/>RFQ</div>   |
|  <div><b>PIC12F508-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8DIP<br/>In stock: 135875 pcs<br/>RFQ</div>    |  <div><b>PIC12F508-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8DFN<br/>In stock: 136206 pcs<br/>RFQ</div>   |
|  <div><b>PIC12F508-I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8MSOP<br/>In stock: 150242 pcs<br/>RFQ</div>  |  <div><b>PIC12F508-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8SOIC<br/>In stock: 153068 pcs<br/>RFQ</div>  |
|  <div><b>PIC12F508T-I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8DFN<br/>In stock: 150828 pcs<br/>RFQ</div>  |  <div><b>PIC12F508-I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8DFN<br/>In stock: 125191 pcs<br/>RFQ</div>   |
|  <div><b>PIC12F508T-I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8MSOP<br/>In stock: 157204 pcs<br/>RFQ</div> |  <div><b>PIC12F508T-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8SOIC<br/>In stock: 162175 pcs<br/>RFQ</div> |
|  <div><b>PIC12F509-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8DFN<br/>In stock: 154910 pcs<br/>RFQ</div>  |  <div><b>PIC12F508-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8SOIC<br/>In stock: 162791 pcs<br/>RFQ</div>  |