



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC12F508-E/MS

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC12F508-E/MS                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 8BIT 768B FLASH 8MSOP                                                                                         |
|                     |  1.PIC12F508-E/MS.pdf               |
|                     |  2.PIC12F508-E/MS.pdf               |
|                     |  3.PIC12F508-E/MS.pdf               |
|                     |  4.PIC12F508-E/MS.pdf               |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 147983 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

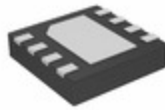
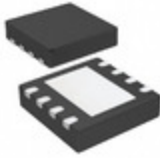
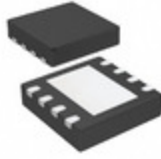
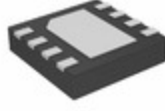
Specifications of PIC12F508-E/MS

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC12F508-E/MS                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 768B FLASH 8MSOP                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 147983 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.PIC12F508-E/MS.pdf<br> 2.PIC12F508-E/MS.pdf<br> 3.PIC12F508-E/MS.pdf<br> 4.PIC12F508-E/MS.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 8-MSOP                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                                                                                                                                                                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 5                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DETAILED DESCRIPTION             | PIC PIC® 12F Microcontroller IC 8-Bit 4MHz 768B (512 x 12) FLASH 8-MSOP                                                                                                                                                                                                                                                                                                                                                                      |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | PIC12F508                                                                                                                                                                                                                                                                                                                                                                                                                                    |

Related Tags

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

Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>PIC12F1840T-I/RF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 8UDFN<br/>In stock: 88750 pcs</p> <p>RFQ</p> |  <p><b>PIC12F1840T-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 8SOIC<br/>In stock: 91004 pcs</p> <p>RFQ</p> |
|  <p><b>PIC12F1840-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 8SOIC<br/>In stock: 78868 pcs</p> <p>RFQ</p>  |  <p><b>PIC12F508-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8DFN<br/>In stock: 136206 pcs</p> <p>RFQ</p>  |
|  <p><b>PIC12F1840-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 8DIP<br/>In stock: 84655 pcs</p> <p>RFQ</p>    |  <p><b>PIC12F508-I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8MSOP<br/>In stock: 150242 pcs</p> <p>RFQ</p> |
|  <p><b>PIC12F508-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8DIP<br/>In stock: 130015 pcs</p> <p>RFQ</p>   |  <p><b>PIC12F508-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8DIP<br/>In stock: 135875 pcs</p> <p>RFQ</p>   |
|  <p><b>PIC12F508-I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8DFN<br/>In stock: 125191 pcs</p> <p>RFQ</p>  |  <p><b>PIC12F508-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8SOIC<br/>In stock: 153068 pcs</p> <p>RFQ</p> |
|  <p><b>PIC12F1840T-I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 8DFN<br/>In stock: 81325 pcs</p> <p>RFQ</p>  |  <p><b>PIC12F508-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B FLASH 8SOIC<br/>In stock: 162791 pcs</p> <p>RFQ</p> |