

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F1512-E/MV

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F1512-E/MV                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 3.5KB FLASH 28UQFN                                                                               |
|                     |  1.PIC16F1512-E/MV.pdf      |
|                     |  2.PIC16F1512-E/MV.pdf      |
|                     |  3.PIC16F1512-E/MV.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 87887 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

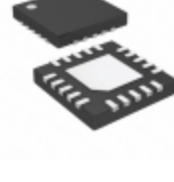
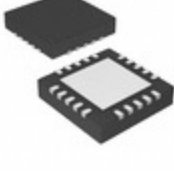
Specifications of PIC16F1512-E/MV

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F1512-E/MV                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 28UQFN                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 87887 pcs                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.PIC16F1512-E/MV.pdf<br> 2.PIC16F1512-E/MV.pdf<br> 3.PIC16F1512-E/MV.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 28-UQFN (4x4)                                                                                                                                                                                                                                                                                                                       |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                                                                                                                                       |
| RAM SIZE                         | 128 x 8                                                                                                                                                                                                                                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY SIZE              | 3.5KB (2K x 14)                                                                                                                                                                                                                                                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                               |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 28-UFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 25                                                                                                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 20MHz 3.5KB (2K x 14) FLASH 28-UQFN (4x4)                                                                                                                                                                                                                                                |
| DATA CONVERTERS                  | A/D 17x10b                                                                                                                                                                                                                                                                                                                          |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | PIC16F1512                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16F1512-E/MV | PIC16F1512-E/MV Distributor            | PIC16F1512-E/MV Supplier                               |
| PIC16F1512-E/MV Price                         | PIC16F1512-E/MV Pictures               | PIC16F1512-E/MV Image                                  |
| PIC16F1512-E/MV PDF Datasheet                 | PIC16F1512-E/MV Download Datasheet     | PIC16F1512-E/MV Datasheet                              |
| PIC16F1512-E/MV Stock                         | Buy PIC16F1512-E/MV                    | Buy Micrel / Microchip Technology PIC16F1512-E/MV      |
| Micrel / Microchip Technology PIC16F1512-E/MV | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16F1512-E/MV | Microchip Technology PIC16F1512-E/MV   | Roving Networks / Microchip Technology PIC16F1512-E/MV |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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|  <div><b>PIC16F1509T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SOIC<br/>In stock: 67355 pcs<br/><div>RFQ</div></div> |  <div><b>PIC16F1512-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SOIC<br/>In stock: 73124 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC16F1509-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SSOP<br/>In stock: 89037 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC16F1512-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SDIP<br/>In stock: 59563 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC16F1509-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SOIC<br/>In stock: 83241 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC16F1512-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SSOP<br/>In stock: 81215 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC16F1509T-I/GZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20UQFN<br/>In stock: 97380 pcs<br/><div>RFQ</div></div> |  <div><b>PIC16F1512-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28UQFN<br/>In stock: 84372 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC16F1509T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20QFN<br/>In stock: 83838 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC16F1512-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SDIP<br/>In stock: 79371 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC16F1509T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 20SSOP<br/>In stock: 82107 pcs<br/><div>RFQ</div></div> |  <div><b>PIC16F1512-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 28SOIC<br/>In stock: 97555 pcs<br/><div>RFQ</div></div> |