

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F72-E/SP

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F72-E/SP                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 3.5KB FLASH 28SDIP                                                                               |
|                     |  1.PIC16F72-E/SP.pdf        |
|                     |  2.PIC16F72-E/SP.pdf        |
|                     |  3.PIC16F72-E/SP.pdf        |
|                     |  4.PIC16F72-E/SP.pdf        |
|                     |  5.PIC16F72-E/SP.pdf        |
|                     |  6.PIC16F72-E/SP.pdf        |
|                     |  7.PIC16F72-E/SP.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 44366 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
|                     | <div>REQUEST FOR QUOTATION</div> DHL/Fedex/TNT/UPS/EMS                                                       |

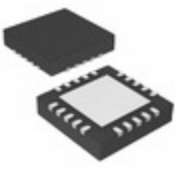
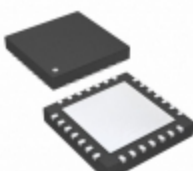
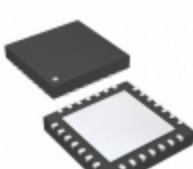
Specifications of PIC16F72-E/SP

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F72-E/SP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 28SDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 44366 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.PIC16F72-E/SP.pdf<br> 2.PIC16F72-E/SP.pdf<br> 3.PIC16F72-E/SP.pdf<br> 4.PIC16F72-E/SP.pdf<br> 5.PIC16F72-E/SP.pdf<br> 6.PIC16F72-E/SP.pdf<br> 7.PIC16F72-E/SP.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 28-SPDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | PIC® 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-DIP (0.300" , 7.62mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DETAILED DESCRIPTION             | PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 3.5KB (2K x 14) FLASH 28-SPDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DATA CONVERTERS                  | A/D 5x8b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CONNECTIVITY                     | I²C, SPI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| BASE PART NUMBER                 | PIC16F72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology PIC16F72-E/SP | PIC16F72-E/SP Distributor              | PIC16F72-E/SP Supplier                               |
| PIC16F72-E/SP Price                         | PIC16F72-E/SP Pictures                 | PIC16F72-E/SP Image                                  |
| PIC16F72-E/SP PDF Datasheet                 | PIC16F72-E/SP Download Datasheet       | PIC16F72-E/SP Datasheet                              |
| PIC16F72-E/SP Stock                         | Buy PIC16F72-E/SP                      | Buy Micrel / Microchip Technology PIC16F72-E/SP      |
| Micrel / Microchip Technology PIC16F72-E/SP | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology PIC16F72-E/SP | Microchip Technology PIC16F72-E/SP     | Roving Networks / Microchip Technology PIC16F72-E/SP |

Related Products

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|  MICROCHIP<br><b>PIC16F72-I/SP</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 28SDIP<br>In stock: 36745 pcs<br><div>RFQ</div>   | <br><b>PIC16F720-E/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 20QFN<br>In stock: 88651 pcs<br><div>RFQ</div>              |
| <br><b>PIC16F72-I/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 28QFN<br>In stock: 44327 pcs<br><div>RFQ</div>              | <br><b>PIC16F72-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 28SOIC<br>In stock: 35850 pcs<br><div>RFQ</div>              |
| <br><b>PIC16F72-E/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 28QFN<br>In stock: 40326 pcs<br><div>RFQ</div>              |  MICROCHIP<br><b>PIC16F716T-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br>In stock: 63377 pcs<br><div>RFQ</div>  |
| <br><b>PIC16F72-E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 28SOIC<br>In stock: 39863 pcs<br><div>RFQ</div>             | <br><b>PIC16F72-E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 28SSOP<br>In stock: 42043 pcs<br><div>RFQ</div>              |
|  MICROCHIP<br><b>PIC16F716T-E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br>In stock: 49032 pcs<br><div>RFQ</div> |  MICROCHIP<br><b>PIC16F716T-E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 18SOIC<br>In stock: 99698 pcs<br><div>RFQ</div>  |
| <br><b>PIC16F72-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 28SSOP<br>In stock: 43500 pcs<br><div>RFQ</div>             |  MICROCHIP<br><b>PIC16F716T-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 18SOIC<br>In stock: 102582 pcs<br><div>RFQ</div> |