



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18F2510-E/SO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F2510-E/SO                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 28SOIC                                                                                |
|                     | <a href="#">1.PIC18F2510-E/SO.pdf</a>                                                                        |
|                     | <a href="#">2.PIC18F2510-E/SO.pdf</a>                                                                        |
|                     | <a href="#">3.PIC18F2510-E/SO.pdf</a>                                                                        |
|                     | <a href="#">4.PIC18F2510-E/SO.pdf</a>                                                                        |
|                     | <a href="#">5.PIC18F2510-E/SO.pdf</a>                                                                        |
|                     | <a href="#">6.PIC18F2510-E/SO.pdf</a>                                                                        |
|                     | <a href="#">7.PIC18F2510-E/SO.pdf</a>                                                                        |
|                     | <a href="#">8.PIC18F2510-E/SO.pdf</a>                                                                        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
|                     | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

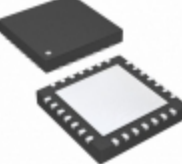
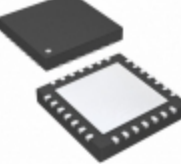
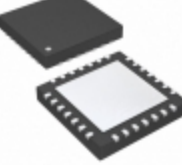
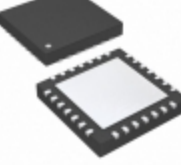
Specifications of PIC18F2510-E/SO

|                                  |                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F2510-E/SO                                                                                                                                                                                                                                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 28SOIC                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       | <a href="#">1.PIC18F2510-E/SO.pdf</a><br><a href="#">2.PIC18F2510-E/SO.pdf</a><br><a href="#">3.PIC18F2510-E/SO.pdf</a><br><a href="#">4.PIC18F2510-E/SO.pdf</a><br><a href="#">5.PIC18F2510-E/SO.pdf</a><br><a href="#">6.PIC18F2510-E/SO.pdf</a><br><a href="#">7.PIC18F2510-E/SO.pdf</a><br><a href="#">8.PIC18F2510-E/SO.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                                                                                                                              |
| SPEED                            | 25MHz                                                                                                                                                                                                                                                                                                                                |
| SERIES                           | PIC® 18F                                                                                                                                                                                                                                                                                                                             |
| RAM SIZE                         | 1.5K x 8                                                                                                                                                                                                                                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                                                                                                                                                                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                          |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 25                                                                                                                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 5 Weeks                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | PIC PIC® 18F Microcontroller IC 8-Bit 25MHz 32KB (16K x 16) FLASH 28-SOIC                                                                                                                                                                                                                                                            |
| DATA CONVERTERS                  | A/D 10x10b                                                                                                                                                                                                                                                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | PIC18F2510                                                                                                                                                                                                                                                                                                                           |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC18F2510-E/SO | PIC18F2510-E/SO Distributor            | PIC18F2510-E/SO Supplier                               |
| PIC18F2510-E/SO Price                         | PIC18F2510-E/SO Pictures               | PIC18F2510-E/SO Image                                  |
| PIC18F2510-E/SO PDF Datasheet                 | PIC18F2510-E/SO Download Datasheet     | PIC18F2510-E/SO Datasheet                              |
| PIC18F2510-E/SO Stock                         | Buy PIC18F2510-E/SO                    | Buy Micrel / Microchip Technology PIC18F2510-E/SO      |
| Micrel / Microchip Technology PIC18F2510-E/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC18F2510-E/SO | Microchip Technology PIC18F2510-E/SO   | Roving Networks / Microchip Technology PIC18F2510-E/SO |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
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|  <div><b>PIC18F2510-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SDIP<br/>In stock: 315 pcs<br/><a href="#">RFQ</a></div>        |  <div><b>PIC18F24Q10-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16KB FLASH, 1KB RAM, 256B EEPROM<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>PIC18F24Q10T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16KB FLASH, 1KB RAM, 256B EEPROM<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>PIC18F24Q10T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16KB FLASH, 1KB RAM, 256B EEPROM<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>PIC18F2510-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>       |  <div><b>PIC18F24Q10-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 16KB FLASH, 1KB RAM, 256B EEPROM<br/>In stock: 685 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>PIC18F2510-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 229 pcs<br/><a href="#">RFQ</a></div>        |  <div><b>PIC18F2510T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>      |
|  <div><b>PIC18F2510-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>       |  <div><b>PIC18F2510T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>     |
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