



PIC18F2450-I/SO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F2450-I/SO                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 28SOIC                                                                                |
|                     |  1.PIC18F2450-I/SO.pdf      |
|                     |  2.PIC18F2450-I/SO.pdf      |
|                     |  3.PIC18F2450-I/SO.pdf      |
|                     |  4.PIC18F2450-I/SO.pdf      |
|                     |  5.PIC18F2450-I/SO.pdf      |
|                     |  6.PIC18F2450-I/SO.pdf      |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Stock Condition     | 28606 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

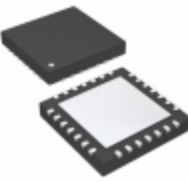
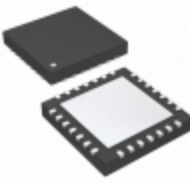
Specifications of PIC18F2450-I/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F2450-I/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 28SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 28606 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DATA SHEET                       |  1.PIC18F2450-I/SO.pdf<br> 2.PIC18F2450-I/SO.pdf<br> 3.PIC18F2450-I/SO.pdf<br> 4.PIC18F2450-I/SO.pdf<br> 5.PIC18F2450-I/SO.pdf<br> 6.PIC18F2450-I/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SPEED                            | 48MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SERIES                           | PIC® 18F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RAM SIZE                         | 768 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PROGRAM MEMORY SIZE              | 16KB (8K x 16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OTHER NAMES                      | PIC18F2450ISO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | PIC PIC® 18F Microcontroller IC 8-Bit 48MHz 16KB (8K x 16) FLASH 28-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA CONVERTERS                  | A/D 10x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CONNECTIVITY                     | UART/USART, USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | PIC18F2450                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC18F2450-I/SO | PIC18F2450-I/SO Distributor            | PIC18F2450-I/SO Supplier                               |
| PIC18F2450-I/SO Price                         | PIC18F2450-I/SO Pictures               | PIC18F2450-I/SO Image                                  |
| PIC18F2450-I/SO PDF Datasheet                 | PIC18F2450-I/SO Download Datasheet     | PIC18F2450-I/SO Datasheet                              |
| PIC18F2450-I/SO Stock                         | Buy PIC18F2450-I/SO                    | Buy Micrel / Microchip Technology PIC18F2450-I/SO      |
| Micrel / Microchip Technology PIC18F2450-I/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC18F2450-I/SO | Microchip Technology PIC18F2450-I/SO   | Roving Networks / Microchip Technology PIC18F2450-I/SO |

Related Products

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|  <div><b>PIC18F2439T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 12KB FLASH 28SOIC<br/>In stock: 7052 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC18F2439-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 12KB FLASH 28SDIP<br/>In stock: 3322 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC18F2450T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 31242 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC18F2450-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28QFN<br/>In stock: 31528 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC18F2439T-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 12KB FLASH 28SOIC<br/>In stock: 5111 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC18F2439-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 12KB FLASH 28SDIP<br/>In stock: 20970 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC18F2455-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 28SOIC<br/>In stock: 25072 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC18F2450-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28SDIP<br/>In stock: 32254 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC18F2439-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 12KB FLASH 28SOIC<br/>In stock: 4006 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC18F2455-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 28SDIP<br/>In stock: 25766 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC18F2450T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 28SOIC<br/>In stock: 34295 pcs<br/><div>RFQ</div></div> |  <div><b>PIC18F2455T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 28SOIC<br/>In stock: 26741 pcs<br/><div>RFQ</div></div> |

