



PIC18LF2450-I/SP

Part Number: PIC18LF2450-I/SP

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 8BIT 16KB FLASH 28SDIP

 1.PIC18LF2450-I/SP.pdf

 2.PIC18LF2450-I/SP.pdf

 3.PIC18LF2450-I/SP.pdf

 4.PIC18LF2450-I/SP.pdf

 5.PIC18LF2450-I/SP.pdf

 6.PIC18LF2450-I/SP.pdf

Datasheets:

 Lead free / RoHS Compliant

Hong Kong

DHL/Fedex/TNT/UPS/EMS

RoHs Status

Ship From

Shipment Way

REQUEST FOR QUOTATION

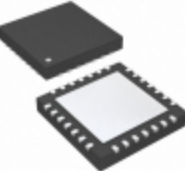
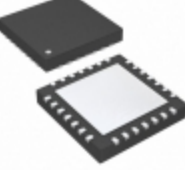
Specifications of PIC18LF2450-I/SP

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18LF2450-I/SP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 28SDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       | <div><div> 1.PIC18LF2450-I/SP.pdf</div><div> 2.PIC18LF2450-I/SP.pdf</div><div> 3.PIC18LF2450-I/SP.pdf</div><div> 4.PIC18LF2450-I/SP.pdf</div><div> 5.PIC18LF2450-I/SP.pdf</div><div> 6.PIC18LF2450-I/SP.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 28-SPDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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-DIP (0.300", 7.62mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 4 Weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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-SPDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA CONVERTERS                  | A/D 10x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CONNECTIVITY                     | UART/USART, USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | PIC18LF2450                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC18LF2450-I/SP | PIC18LF2450-I/SP Distributor           | PIC18LF2450-I/SP Supplier                               |
| PIC18LF2450-I/SP Price                         | PIC18LF2450-I/SP Pictures              | PIC18LF2450-I/SP Image                                  |
| PIC18LF2450-I/SP PDF Datasheet                 | PIC18LF2450-I/SP Download Datasheet    | PIC18LF2450-I/SP Datasheet                              |
| PIC18LF2450-I/SP Stock                         | Buy PIC18LF2450-I/SP                   | Buy Micrel / Microchip Technology PIC18LF2450-I/SP      |
| Micrel / Microchip Technology PIC18LF2450-I/SP | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC18LF2450-I/SP | Microchip Technology PIC18LF2450-I/SP  | Roving Networks / Microchip Technology PIC18LF2450-I/SP |

Related Products

|                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>PIC18LF2439-I/SO</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 12KB FLASH 28SOIC</div><div>In stock: Out stock</div><div>RFQ</div></div></div>  | <div><div><b>PIC18LF2450-I/SO</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 16KB FLASH 28SOIC</div><div>In stock: Out stock</div><div>RFQ</div></div></div>  |
| <div><div><b>PIC18LF2439-I/SP</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 12KB FLASH 28SDIP</div><div>In stock: Out stock</div><div>RFQ</div></div></div>  | <div><div><b>PIC18LF2450T-I/SO</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 16KB FLASH 28SOIC</div><div>In stock: Out stock</div><div>RFQ</div></div></div> |
| <div><div><b>PIC18LF2450-I/ML</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 16KB FLASH 28QFN</div><div>In stock: 145 pcs</div><div>RFQ</div></div></div>     | <div><div><b>PIC18LF2458-I/SO</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 24KB FLASH 28SOIC</div><div>In stock: Out stock</div><div>RFQ</div></div></div>  |
| <div><div><b>PIC18LF2455-I/SO</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 24KB FLASH 28SOIC</div><div>In stock: 130 pcs</div><div>RFQ</div></div></div>    | <div><div><b>PIC18LF2455T-I/SO</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 24KB FLASH 28SOIC</div><div>In stock: Out stock</div><div>RFQ</div></div></div> |
| <div><div><b>PIC18LF2439T-I/SO</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 12KB FLASH 28SOIC</div><div>In stock: Out stock</div><div>RFQ</div></div></div> | <div><div><b>PIC18LF2431T-I/SO</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 16KB FLASH 28SOIC</div><div>In stock: Out stock</div><div>RFQ</div></div></div> |
| <div><div><b>PIC18LF2450T-I/ML</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 16KB FLASH 28QFN</div><div>In stock: Out stock</div><div>RFQ</div></div></div>  | <div><div><b>PIC18LF2455-I/SP</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 24KB FLASH 28SDIP</div><div>In stock: 8 pcs</div><div>RFQ</div></div></div>      |