

MICROCHIP

Micrel / Microchip Technology

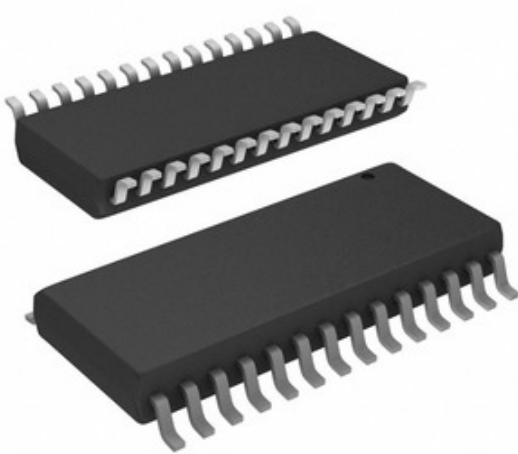


Image may be representation. See specifications for product details.

PIC18LF2550T-I/SO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18LF2550T-I/SO                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 28SOIC                                                                                |
|                     |  1.PIC18LF2550T-I/SO.pdf    |
|                     |  2.PIC18LF2550T-I/SO.pdf    |
|                     |  3.PIC18LF2550T-I/SO.pdf    |
|                     |  4.PIC18LF2550T-I/SO.pdf    |
|                     |  5.PIC18LF2550T-I/SO.pdf    |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         | Hong Kong                                                                                                    |
| Ship From           |                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

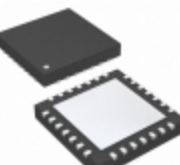
Specifications of PIC18LF2550T-I/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18LF2550T-I/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 28SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.PIC18LF2550T-I/SO.pdf<br> 2.PIC18LF2550T-I/SO.pdf<br> 3.PIC18LF2550T-I/SO.pdf<br> 4.PIC18LF2550T-I/SO.pdf<br> 5.PIC18LF2550T-I/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SPEED                            | 48MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SERIES                           | PIC® 18F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 4 Weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION             | PIC PIC® 18F Microcontroller IC 8-Bit 48MHz 32KB (16K x 16) FLASH 28-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DATA CONVERTERS                  | A/D 10x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CONNECTIVITY                     | I²C, SPI, UART/USART, USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | PIC18LF2550                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology PIC18LF2550T-I/SO | PIC18LF2550T-I/SO Distributor          | PIC18LF2550T-I/SO Supplier                               |
| PIC18LF2550T-I/SO Price                         | PIC18LF2550T-I/SO Pictures             | PIC18LF2550T-I/SO Image                                  |
| PIC18LF2550T-I/SO PDF Datasheet                 | PIC18LF2550T-I/SO Download Datasheet   | PIC18LF2550T-I/SO Datasheet                              |
| PIC18LF2550T-I/SO Stock                         | Buy PIC18LF2550T-I/SO                  | Buy Micrel / Microchip Technology PIC18LF2550T-I/SO      |
| Micrel / Microchip Technology PIC18LF2550T-I/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC18LF2550T-I/SO | Microchip Technology PIC18LF2550T-I/SO | Roving Networks / Microchip Technology PIC18LF2550T-I/SO |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC18LF2553-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 1 pcs<br/>RFQ</div>      |  <div><b>PIC18LF2550-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SDIP<br/>In stock: 81 pcs<br/>RFQ</div>     |
|  <div><b>PIC18LF2580-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>PIC18LF2539-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 28SDIP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>PIC18LF2553T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC18LF2539-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>PIC18LF2553-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SDIP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>PIC18LF2539T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PIC18LF258-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SDIP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>PIC18LF258-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 66 pcs<br/>RFQ</div>      |
|  <div><b>PIC18LF2550-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 860 pcs<br/>RFQ</div>    |  <div><b>PIC18LF252T-I/SOG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div> |