

PIC18LF25K50-I/SO



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Part Number: [PIC18LF25K50-I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 28SOIC

Data sheet:  [PIC18\(L\)F2x,45K50 Brief](#)  
 [PIC18\(L\)F24,25,45K50 Family Errata & Datasheet](#)  
 [B1618\(L\)F2X/45K50](#)

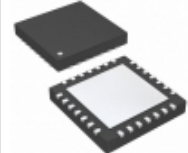
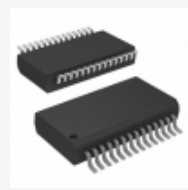
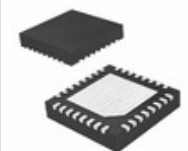
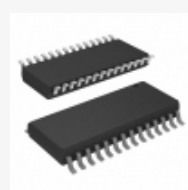
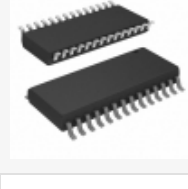
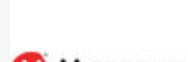
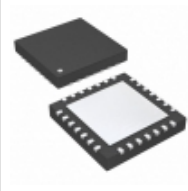
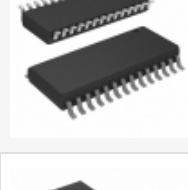
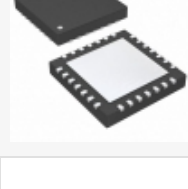
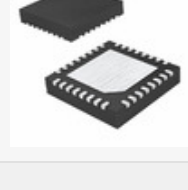
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                  |                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC18LF25K50-I/SO                         | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 32KB FLASH 28SOIC             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 44931 pcs                                 | Data sheet                       | <a href="#">PIC18(L)F2x.45K50 Brief</a><br><a href="#">PIC18(L)F24,25,45K50 Family Errata &amp; Datasheet Cla</a><br><a href="#">PIC18(L)F2X/45K50</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28-SOIC                                   | Speed                            | 48MHz                                                                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC® XLP™ 18K                             | RAM Size                         | 2K x 8                                                                                                                                                 |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                     | Program Memory Size              | 32KB (16K x 16)                                                                                                                                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tube                                                                                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 28-SOIC (0.295", 7.50mm Width)            | Other Names                      | PIC18LF25K50ISO                                                                                                                                        |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                                      |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 25                                        | 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® XLP™ 18K Microcontroller IC 8-Bit 48MHz 32KB (16K x 16) FLASH 28-SOIC                                                                         |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 14x10b                                | Core Size                        | 8-Bit                                                                                                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC                                       | Connectivity                     | I²C, SPI, UART/USART, USB                                                                                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC18LF25K50                              |                                  |                                                                                                                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 44931 pieces of Micrel / Microchip Technology PIC18LF25K50-I/SO in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                                                                                        |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC18LF25K50-I/SP</a><br>Description: IC MCU 8BIT 32KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF25K42T-I/SS</a><br>Description: IC MCU 8BIT 32KB FLASH 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF25K50T-I/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 28QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF25K50-I/SS</a><br>Description: IC MCU 8BIT 32KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF25K80-I/MM</a><br>Description: IC MCU 8BIT 32KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF25K50-E/SO</a><br>Description: IC MCU 8BIT 32KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF25K50-E/SS</a><br>Description: IC MCU 8BIT 32KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18LF25K42-I/SS</a><br>Description: IC MCU 8BIT 32KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF25K42T-I/MV</a><br>Description: IC MCU 8BIT 32KB FLASH 28UQFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18LF25K42T-I/SO</a><br>Description: IC MCU 8BIT 32KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF25K50-I/ML</a><br>Description: IC MCU 8BIT 32KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18LF25K80T-I/MM</a><br>Description: IC MCU 8BIT 32KB FLASH 28QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for PIC18LF25K50-I/SO

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