

PIC18LF13K22-E/SO





Part Number: [PIC18LF13K22-E/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 8KB FLASH 20SOIC

Data sheet:  [PIC18F1xK22,PIC18LF1xK22 Flash Programming](#)  
 [PIC18F1xK22,PIC18LF1xK22 Errata & DataSheet Clarif](#)  
 [PIC18\(L\)F1xK22 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

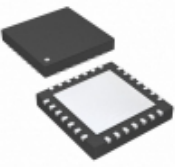
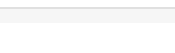
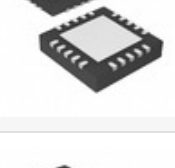
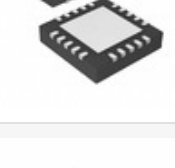
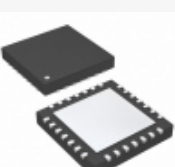
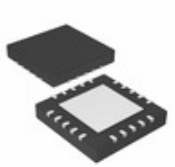
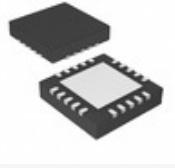
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                              |                                 |                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC18LF13K22-E/SO                                                            | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 8KB FLASH 20SOIC                                                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 59540 pcs                                                                    | Data sheet                      | <a href="#">PIC18F1xK22,PIC18LF1xK22 Flash Programming</a><br><a href="#">PIC18F1xK22,PIC18LF1xK22 Errata &amp; DataSheet</a><br><a href="#">PIC18(L)F1xK22 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                    | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V                                                                                                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20-SOIC                                                                      | Speed                           | 48MHz                                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC® XLP™ 18K                                                                | RAM Size                        | 256 x 8                                                                                                                                                                   |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                                                        | Program Memory Size             | 8KB (4K x 16)                                                                                                                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, POR, PWM, WDT                                        | Packaging                       | Tube                                                                                                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20-SOIC (0.295", 7.50mm Width)                                               | Oscillator Type                 | Internal                                                                                                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 125°C (TA)                                                           | Number of I/O                   | 17                                                                                                                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                                | Manufacturer Standard Lead Time | 11 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 8KB (4K x 16) FLASH 20-SOIC | Data Converters                 | A/D 12x10b                                                                                                                                                                |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                        | Core Processor                  | PIC                                                                                                                                                                       |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC, LINbus, SPI, UART/USART                                                  | Base Part Number                | PIC18LF13K22                                                                                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC18LF13K22-I/P</a><br>Description: IC MCU 8BIT 8KB FLASH 20DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF1330-I/P</a><br>Description: IC MCU 8BIT 8KB FLASH 18DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF1320T-I/ML</a><br>Description: IC MCU 8BIT 8KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF13K50-I/P</a><br>Description: IC MCU 8BIT 8KB FLASH 20DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF13K22-I/SS</a><br>Description: IC MCU 8BIT 8KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF13K22-E/SS</a><br>Description: IC MCU 8BIT 8KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18LF13K22T-I/ML</a><br>Description: IC MCU 8BIT 8KB FLASH 20QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF1320-I/SS</a><br>Description: IC MCU 8BIT 8KB FLASH 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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