

PIC24F08KL402-I/SS





Part Number: [PIC24F08KL402-I/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 8KB FLASH 28SSOP

Data sheet:  [PIC24F16KL402 Family](#)  
 [PIC24F16KL402 Family Errata & Datasheet](#)  
 [PIC24F08KL Family Brochure](#)

RoHs Status: Lead free / RoHS Compliant

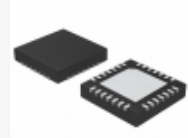
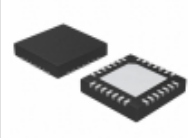
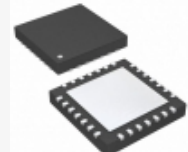
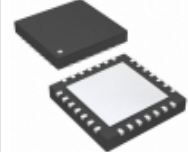
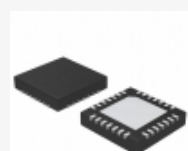
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                           |                                             |                                  |                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC24F08KL402-I/SS                          | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 8KB FLASH 28SSOP               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 58216 pcs                                   | Data sheet                       | <a href="#">PIC24F16KL402 Family</a><br><a href="#">PIC24F16KL402 Family Errata &amp; Datasheet Clarificat</a><br><a href="#">PIC24FxxKL Family Brochure</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>   | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                     | 28-SSOP                                     | Speed                            | 32MHz                                                                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                      | PIC® XLP™ 24F                               | RAM Size                         | 1K x 8                                                                                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                         | FLASH                                       | Program Memory Size              | 8KB (2.75K x 24)                                                                                                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, HLVD, POR, PWM, WDT | Packaging                        | Tube                                                                                                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                              | 28-SSOP (0.209", 5.30mm Width)              | Other Names                      | PIC24F08KL402ISS                                                                                                                                             |
| 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                                                                                                                                                                                                                                                                                                                                                                                                             | 12 Weeks                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                   |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                 | 512 x 8                                     | Detailed Description             | PIC PIC® XLP™ 24F Microcontroller IC 16-Bit 32MHz 8KB (2.75K x 24) FLASH 28-SSOP                                                                             |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                             | A/D 12x10b                                  | Core Size                        | 16-Bit                                                                                                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC                                         | Connectivity                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC24F08KL402                               |                                  |                                                                                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----|
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Related keywords for PIC24F08KL402-I/SS

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