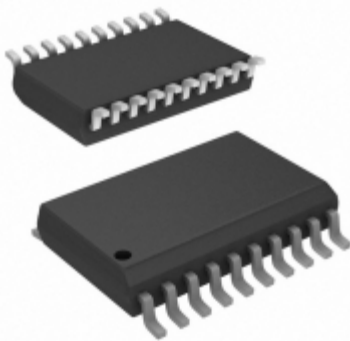


PIC24F08KM101-I/SO





Part Number: [PIC24F08KM101-I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 8KB FLASH 20SOIC

Data sheet:  [PIC24FV16KM204 Family Datasheet](#)  
 [PIC24F16KM204 Family Errata & Datasheet](#)  
[Clarificat](#)

RoHs Status: Lead free / RoHS Compliant

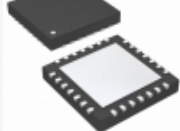
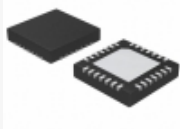
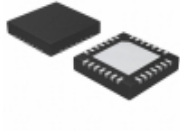
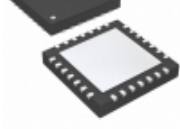
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                            |                                |                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PIC24F08KM101-I/SO                         | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 16BIT 8KB FLASH 20SOIC              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40388 pcs                                  | Data sheet                     | <a href="#">PIC24FV16KM204 Family Datasheet</a><br><a href="#">PIC24F16KM204 Family Errata &amp; Datasheet Clarificat</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)     | 1.8 V ~ 3.6 V                                                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20-SOIC                                    | 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, LVD, POR, PWM, WDT | Packaging                      | Tube                                                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20-SOIC (0.295", 7.50mm Width)             | Oscillator Type                | Internal                                                                                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C (TA)                          | Number of I/O                  | 18                                                                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 (Unlimited)                              | 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 20-SOIC                                          |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 16x10b/12b                             | Core Size                      | 16-Bit                                                                                                                    |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC                                        | Connectivity                   | I²C, IrDA, LINbus, SPI, UART/USART                                                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PIC24F08KM101                              |                                |                                                                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC24F08KM101-E/P</a><br>Description: IC MCU 16BIT 8KB FLASH 20DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM101-I/P</a><br>Description: IC MCU 16BIT 8KB FLASH 20DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KL402-I/SS</a><br>Description: IC MCU 16BIT 8KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM102-E/ML</a><br>Description: IC MCU 16BIT 8KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM102-I/SO</a><br>Description: IC MCU 16BIT 8KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KL402-I/MQ</a><br>Description: IC MCU 16BIT 8KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KL402-I/SP</a><br>Description: IC MCU 16BIT 8KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM101-E/SO</a><br>Description: IC MCU 16BIT 8KB FLASH 20SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KL402-I/SS</a><br>Description: IC MCU 16BIT 8KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KL402-I/SO</a><br>Description: IC MCU 16BIT 8KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KL402-I/MQ</a><br>Description: IC MCU 16BIT 8KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM102-E/SP</a><br>Description: IC MCU 16BIT 8KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM102-I/ML</a><br>Description: IC MCU 16BIT 8KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC24F08KM101T-I/SO</a><br>Description: IC MCU 16BIT 8KB FLASH 20SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC24F08KM101T-I/SS</a><br>Description: IC MCU 16BIT 8KB FLASH 20SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|                                                  |                                                  |                                         |                                                              |
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