

PIC18LF67K40-E/PT



Part Number: [PIC18LF67K40-E/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 128KB FLASH 64TQFP

Data sheet:  [PIC18\(L\)F67K40 Datasheet](#)  
 [PIC18F67K40 Family Errata, Clarification](#)  
 [PIC18\(L\)F2X,4X,6XK40 Brief](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                         |                                 |                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC18LF67K40-E/PT                                                                       | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 128KB FLASH 64TQFP                                                          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 45502 pcs                                                                               | Data sheet                      | <a href="#">PIC18(L)F67K40 Datasheet</a><br><a href="#">PIC18F67K40 Family Errata</a><br><a href="#">PIC18(L)F2X,4X,6XK40 Brief</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                               | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V                                                                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 64-TQFP (10x10)                                                                         | Speed                           | 64MHz                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC® XLP™ 18K                                                                           | RAM Size                        | 3.5K x 8                                                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                                                                   | Program Memory Size             | 128KB (64K x 16)                                                                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, POR, PWM, WDT                                                   | Packaging                       | Tray                                                                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 64-TQFP                                                                                 | Oscillator Type                 | Internal                                                                                                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 125°C (TA)                                                                      | Number of I/O                   | 60                                                                                                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                                           | Manufacturer Standard Lead Time | 10 Weeks                                                                                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                                              | EEPROM Size                     | 1K x 8                                                                                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz 128KB (64K x 16) FLASH 64-TQFP (10x10) | Data Converters                 | A/D 47x10b, D/A 1x5b                                                                                                                |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                                   | Core Processor                  | PIC                                                                                                                                 |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | I²C, LINbus, SPI, UART/USART                                                            |                                 |                                                                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC18LF6723T-I/PT</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF6722-I/PT</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF66K80T-I/MR</a><br>Description: IC MCU 8BIT 64KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF8390-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 80TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF8393-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 80TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF66K80-I/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF67K40-I/PT</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF6720-I/PT</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF6720T-I/PT</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF66K80T-I/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF6723-I/PT</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF8410-I/PT</a><br>Description: IC MCU 8BIT 16KB FLASH 80TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF8390T-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 80TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF67K40-I/MR</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18LF67K40-E/MR</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|-------------------------------------------------|----------------------------------------|----------------------------------------|-------------------------|
| Related keywords for <b>PIC18LF67K40-E/PT</b>   |                                        |                                        |                         |
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