

PIC18F67K90-E/MR



Part Number: [PIC18F67K90-E/MR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 128KB FLASH 64QFN

Data sheet:  [PIC18F87K90 Family](#)  
 [PIC18F87K90 Family Errata & DataSheet Clarificatio](#)

RoHs Status: Lead free / RoHS Compliant

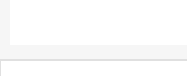
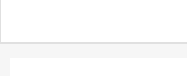
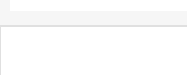
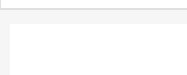
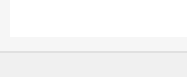
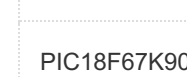
Ship From: Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                      |                                 |                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC18F67K90-E/MR                                                                     | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 128KB FLASH 64QFN                                                        | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 26622 pcs                                                                            | Data sheet                      | <a href="#">PIC18F87K90 Family</a><br><a href="#">PIC18F87K90 Family Errata &amp; DataSheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                            | Voltage - Supply (Vcc/Vdd)      | <a href="#">Clarificatio</a><br>1.8 V ~ 5.5 V                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                   | 64-QFN (9x9)                                                                         | Speed                           | 64MHz                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC® XLP™ 18K                                                                        | RAM Size                        | 4K x 8                                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                                                                | Program Memory Size             | 128KB (64K x 16)                                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, LCD, POR, PWM, WDT                                           | Packaging                       | Tube                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                            | 64-VFQFN Exposed Pad                                                                 | Oscillator Type                 | Internal                                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 125°C (TA)                                                                   | Number of I/O                   | 53                                                                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                          | 3 (168 Hours)                                                                        | Manufacturer Standard Lead Time | 14 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-QFN (9x9) | Data Converters                 | A/D 16x12b                                                                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                                | Core Processor                  | PIC                                                                                             |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                              | I²C, LINbus, SPI, UART/USART                                                         | Base Part Number                | PIC18F67K90                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                              |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">PIC18F67K40T-IMR</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="#">PIC18F67K90-I/PTRSL</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F8310-E/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 80TQFP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18F67K22T-IMRRSL</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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