

PIC18F8390-E/PT



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**Part Number:** [PIC18F8390-E/PT](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC MCU 8BIT 8KB FLASH 80TQFP

**Data sheet:**  [PIC18Fxx90 Revision B3 Errata](#)  
 [PIC18F8410, 849x Programming Specification](#)  
 [PIC18Fxx90](#)  
 [PIC18F6x90,8x90 Rev.C1 Errata](#)  
 [PIC18F6x90,8x90 Rev.C0 Errata](#)  
 [Timer1 Errata](#)  
 [PIC18Fxx90 Data Sheet Errata](#)

**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                 |                                 |                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC18F8390-E/PT                                                                 | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                                                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 8KB FLASH 80TQFP                                                    | Lead Free Status / RoHS Status  | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 22209 pcs                                                                       | Data sheet                      | <a href="#">PIC18Fxx90 Revision B3 Errata</a><br><a href="#">PIC18F8410, 849x Programming Specification</a><br><a href="#">PIC18Fxx90</a><br><a href="#">PIC18F6x90,8x90 Rev.C1 Errata</a><br><a href="#">PIC18F6x90,8x90 Rev.C0 Errata</a><br><a href="#">Timer1 Errata</a><br><a href="#">PIC18Fxx90 Data Sheet Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                       | Voltage - Supply (Vcc/Vdd)      | 4.2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 80-TQFP (12x12)                                                                 | Speed                           | 40MHz                                                                                                                                                                                                                                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® 18F                                                                        | RAM Size                        | 768 x 8                                                                                                                                                                                                                                                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                                                           | Program Memory Size             | 8KB (4K x 16)                                                                                                                                                                                                                                                                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, HLVD, LCD, POR, PWM, WDT                                | Packaging                       | Tray                                                                                                                                                                                                                                                                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 80-TQFP                                                                         | Oscillator Type                 | Internal                                                                                                                                                                                                                                                                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 125°C (TA)                                                              | Number of I/O                   | 66                                                                                                                                                                                                                                                                                                                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 (168 Hours)                                                                   | Manufacturer Standard Lead Time | 9 Weeks                                                                                                                                                                                                                                                                                                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Contains lead / RoHS non-compliant                                              | EEPROM Size                     | -                                                                                                                                                                                                                                                                                                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 8KB (4K x 16) FLASH 80-TQFP (12x12) | Data Converters                 | A/D 12x10b                                                                                                                                                                                                                                                                                                                   |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                                           | Core Processor                  | PIC                                                                                                                                                                                                                                                                                                                          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | I²C, SPI, UART/USART                                                            | Base Part Number                | PIC18F8390                                                                                                                                                                                                                                                                                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 22209 pieces of Micrel / Microchip Technology PIC18F8390-E/PT in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                 |                                 |                                                                                                                                                                                                                                                                                                                              |

| RELATED PRODUCTS                                                                   |                                                                                            |                                                              |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PIC18F67K90T-I/MR</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18F8310-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 80TQFP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18F83J11-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 80TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18F67K90T-I/MRRSL</a><br>Description: IC MCU 8BIT 128KB FLASH 64QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18F83J11T-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 80TQFP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">PIC18F67K90T-I/PTRSL</a><br>Description: IC MCU 8BIT 128KB FLASH 64TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18F8393-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 80TQFP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18F8393T-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 80TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18F8410-I/PT</a><br>Description: IC MCU 8BIT 16KB FLASH 80TQFP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC18F8390-I/PT</a><br>Description: IC MCU 8BIT 8KB FLASH 80TQFP        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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Related keywords for PIC18F8390-E/PT

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| Micrel / Microchip Technology PIC18F8390-E/PT | PIC18F8390-E/PT distributor          | PIC18F8390-E/PT supplier                                  | PIC18F8390-E/PT price |
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RoHS

