

PIC18F8720-I/PT



Part Number: [PIC18F8720-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 128KB FLASH 80TQFP

Data sheet:  [PIC18F6x20, 8x20 Programming Specification](#)  
 [PIC18Fxx20 Revision A4 Errata](#)  
 [PIC18Fxx20](#)  
 [Timer1 Errata](#)  
 [PIC18Fxx20 Revision A3 Errata](#)

RoHs Status: Lead free / RoHS Compliant

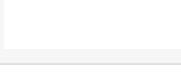
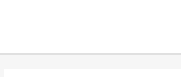
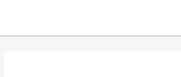
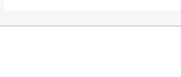
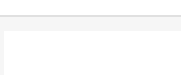
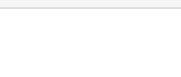
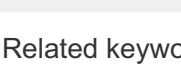
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                            |                                  |                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC18F8720-I/PT                            | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 128KB FLASH 80TQFP             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7752 pcs                                   | Data sheet                       | <a href="#">PIC18F6x20, 8x20 Programming Specification</a><br><a href="#">PIC18Fxx20 Revision A4 Errata</a><br><a href="#">PIC18Fxx20</a><br><a href="#">Timer1 Errata</a><br><a href="#">PIC18Fxx20 Revision A3 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                            | 25MHz                                                                                                                                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC® 18F                                   | RAM Size                         | 3.75K x 8                                                                                                                                                                                                                   |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                      | Program Memory Size              | 128KB (64K x 16)                                                                                                                                                                                                            |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Brown-out Detect/Reset, LVD, POR, PWM, WDT | Packaging                        | Tray                                                                                                                                                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 80-TQFP                                    | Other Names                      | PIC18F8720IPT                                                                                                                                                                                                               |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | External                                   | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                                                                                                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 68                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7 Weeks                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                  |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1K x 8                                     | Detailed Description             | PIC PIC® 18F Microcontroller IC 8-Bit 25MHz 128KB (64K x 16) FLASH 80-TQFP (12x12)                                                                                                                                          |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A/D 16x10b                                 | Core Size                        | 8-Bit                                                                                                                                                                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC                                        | Connectivity                     | EBI/EMI, I²C, SPI, UART/USART                                                                                                                                                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PIC18F8720                                 |                                  |                                                                                                                                                                                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC18F8722 DEVELOPMENT BOARD KIT</a><br>Description: DEVELOPMENT BOARD FOR PIC18F8722 | Manufacturers: <a href="#">Custom Computer Services</a>      | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F86K90T-I/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 80TQFP                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F8720T-E/PT</a><br>Description: IC MCU 8BIT 128KB FLASH 80TQFP                   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F8722-E/PT</a><br>Description: IC MCU 8BIT 128KB FLASH 80TQFP                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F8723-E/PT</a><br>Description: IC MCU 8BIT 128KB FLASH 80TQFP                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18F86K90-I/PTRSL</a><br>Description: IC MCU 8BIT 64KB FLASH 80TQFP                 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F86K22-I/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 80TQFP                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F86K90-I/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 80TQFP                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F86K90-E/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 80TQFP                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F86K22-I/PTRSL</a><br>Description: IC MCU 8BIT 64KB FLASH 80TQFP                 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F8720-I/PTC01</a><br>Description: IC MCU 8BIT 128KB FLASH 80TQFP                 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F8722-I/PT</a><br>Description: IC MCU 8BIT 128KB FLASH 80TQFP                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|-----------------------------------------------|--------------------------------------|----------------------------------------|-----------------------|
| Related keywords for PIC18F8720-I/PT          |                                      |                                        |                       |
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