

PIC18F86K22-I/PT



Part Number: [PIC18F86K22-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 80TQFP

Data sheet:  [PIC18F87K22 Family Datasheet](#)  
 [PIC18F87K22 Family Errata & DataSheet Clarificatio](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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See Product Specifications for product details.  
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| PRODUCT PARAMETER               |                                            |                                  |                                                                                                                        |
|---------------------------------|--------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number                     | PIC18F86K22-I/PT                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                          |
| Description                     | IC MCU 8BIT 64KB FLASH 80TQFP              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                             |
| Quantity Available              | 31270 pcs                                  | Data sheet                       | <a href="#">PIC18F87K22 Family Datasheet</a><br><a href="#">PIC18F87K22 Family Errata &amp; DataSheet Clarificatio</a> |
| Category                        | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 5.5 V                                                                                                          |
| Supplier Device Package         | 80-TQFP (12x12)                            | Speed                            | 64MHz                                                                                                                  |
| Series                          | PIC® XLP™ 18K                              | RAM Size                         | 4K x 8                                                                                                                 |
| Program Memory Type             | FLASH                                      | Program Memory Size              | 64KB (32K x 16)                                                                                                        |
| Peripherals                     | Brown-out Detect/Reset, LVD, POR, PWM, WDT | Packaging                        | Tray                                                                                                                   |
| Package / Case                  | 80-TQFP                                    | Other Names                      | PIC18F86K22IPT                                                                                                         |
| Oscillator Type                 | Internal                                   | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                      |
| Number of I/O                   | 69                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                          |
| Manufacturer Standard Lead Time | 13 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 64KB (32K x 16) FLASH 80-TQFP (12x12)                                 |
| Data Converters                 | A/D 24x12b                                 | Core Size                        | 8-Bit                                                                                                                  |
| Core Processor                  | PIC                                        | Connectivity                     | EBI/EMI, I²C, LINbus, SPI, UART/USART                                                                                  |
| Base Part Number                | PIC18F86K22                                |                                  |                                                                                                                        |

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