

PIC18F87K22-I/PTRSL



Part Number: [PIC18F87K22-I/PTRSL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 128KB FLASH 80TQFP

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

RoHs Status: Lead free / RoHS Compliant

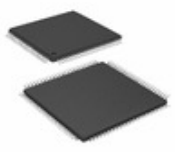
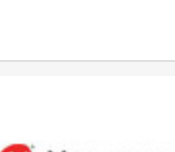
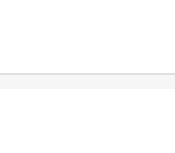
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                            |                                  |                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC18F87K22-I/PTRSL                        | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 23436 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              | 128KB (64K x 16)                                                                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, LVD, POR, PWM, WDT | Packaging                        | Tray                                                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 80-TQFP                                    | Other Names                      | PIC18F87K22IPTRSL                                                                                                      |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 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 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC18F87K22                                |                                  |                                                                                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 23436 pieces of Micrel / Microchip Technology PIC18F87K22-I/PTRSL 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="#">PIC18F95J94T-I/PF</a><br>Description: IC MCU 8BIT 32KB FLASH 100TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F87K90-I/PT</a><br>Description: IC MCU 8BIT 128KB FLASH 80TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F87K90T-I/PTRSL</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="#">PIC18F87J72T-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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|  | Part#: <a href="#">PIC18F95J94-I/PT</a><br>Description: IC MCU 8BIT 32KB FLASH 100TQFP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F87K90-I/PTRSL</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 PIC18F87K22-I/PTRSL          |                                                   |                                          |                                        |
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