

PIC18F27J53T-I/ML





Part Number: [PIC18F27J53T-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 128KB FLASH 28QFN

Data sheet:  [PIC18F47J53 Family Errata/Clarification](#)  
 [PIC18F47J53 Family](#)

RoHs Status: Lead free / RoHS Compliant

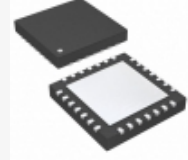
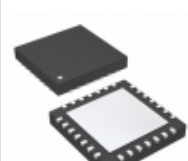
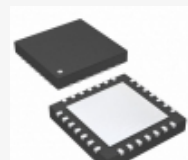
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                      |                                 |                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC18F27J53T-I/ML                                                                    | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 128KB FLASH 28QFN                                                        | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 26168 pcs                                                                            | Data sheet                      | <a href="#">PIC18F47J53 Family Errata/Clarification</a><br><a href="#">PIC18F47J53 Family</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                            | Voltage - Supply (Vcc/Vdd)      | 2.15 V ~ 3.6 V                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28-QFN (6x6)                                                                         | Speed                           | 48MHz                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC® XLP™ 18J                                                                        | RAM Size                        | 3.8K x 8                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                                                                | Program Memory Size             | 128KB (64K x 16)                                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, POR, PWM, WDT                                                | Packaging                       | Tape & Reel (TR)                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 28-VQFN Exposed Pad                                                                  | Oscillator Type                 | Internal                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                                                                    | Number of I/O                   | 22                                                                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                                        | Manufacturer Standard Lead Time | 23 Weeks                                                                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                                           | EEPROM Size                     | -                                                                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PIC PIC® XLP™ 18J Microcontroller IC 8-Bit 48MHz 128KB (64K x 16) FLASH 28-QFN (6x6) | Data Converters                 | A/D 10x10b/12b                                                                                |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                                | Core Processor                  | PIC                                                                                           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | I²C, LINbus, SPI, UART/USART, USB                                                    | Base Part Number                | PIC18F27J53                                                                                   |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
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|  | Part#: <a href="#">PIC18F27J53-I/ML</a><br>Description: IC MCU 8BIT 128KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F27J13-I/SS</a><br>Description: IC MCU 8BIT 128KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F27J53-I/SS</a><br>Description: IC MCU 8BIT 128KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F27J13T-I/SS</a><br>Description: IC MCU 8BIT 128KB FLASH 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F27K40-E/SO</a><br>Description: IC MCU 8BIT 128KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18F27J13T-I/SO</a><br>Description: IC MCU 8BIT 128KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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