

PIC18LF46J53T-I/ML





Part Number: [PIC18LF46J53T-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 44QFN

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

RoHs Status: Lead free / RoHS Compliant

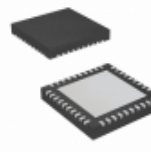
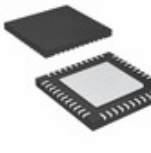
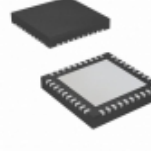
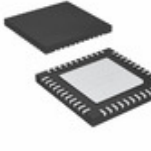
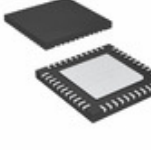
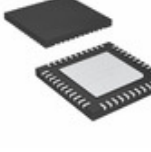
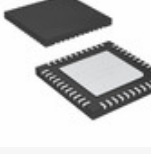
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                     |                                 |                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PIC18LF46J53T-I/ML                                                                  | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 8BIT 64KB FLASH 44QFN                                                        | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 30311 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 V ~ 2.75 V                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 44-QFN (8x8)                                                                        | Speed                           | 48MHz                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PIC® XLP™ 18J                                                                       | RAM Size                        | 3.8K x 8                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                                                               | Program Memory Size             | 64KB (32K x 16)                                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Brown-out Detect/Reset, POR, PWM, WDT                                               | Packaging                       | Tape & Reel (TR)                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 44-VQFN Exposed Pad                                                                 | Oscillator Type                 | Internal                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C (TA)                                                                   | Number of I/O                   | 34                                                                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 (Unlimited)                                                                       | Manufacturer Standard Lead Time | 30 Weeks                                                                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                                                          | EEPROM Size                     | -                                                                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PIC PIC® XLP™ 18J Microcontroller IC 8-Bit 48MHz 64KB (32K x 16) FLASH 44-QFN (8x8) | Data Converters                 | A/D 13x10b/12b                                                                                |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-Bit                                                                               | Core Processor                  | PIC                                                                                           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I²C, LINbus, SPI, UART/USART, USB                                                   | Base Part Number                | PIC18LF46J53                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC18LF46J13T-I/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF46J50-I/PT</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF46K22-I/P</a><br>Description: IC MCU 8BIT 64KB FLASH 40DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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