

PIC18LF55K42-E/PT



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Part Number: [PIC18LF55K42-E/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: FLASH, 2KB RAM

Data sheet:  [PIC18\(L\)F26 to 57K42 Datasheet](#)

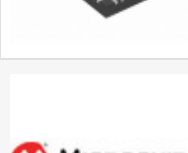
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                         |                                 |                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | PIC18LF55K42-E/PT                                                                       | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | FLASH, 2KB RAM                                                                          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 49959 pcs                                                                               | Data sheet                      | <a href="#">PIC18(L)F26 to 57K42 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                               | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 3.6 V                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                    | 48-TQFP-EP (7x7)                                                                        | Speed                           | 64MHz                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                     | PIC® XLP™ 18K                                                                           | RAM Size                        | 2K x 8                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                                                                   | Program Memory Size             | 32KB (16K x 16)                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                              | Packaging                       | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                             | 48-TQFP Exposed Pad                                                                     | Oscillator Type                 | Internal                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 125°C (TA)                                                                      | Number of I/O                   | 44                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                           | 3 (168 Hours)                                                                           | Manufacturer Standard Lead Time | 6 Weeks                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                                                              | EEPROM Size                     | 256 x 8                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                       | PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz 32KB (16K x 16) FLASH 48-TQFP-EP (7x7) | Data Converters                 | A/D 43x12b, D/A 1x5b                           |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-Bit                                                                                   | Core Processor                  | PIC                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                               | IPC, LINbus, SPI, UART/USART                                                            |                                 |                                                |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                              |                |
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|  | Part#: <a href="#">PIC18LF47K42-E/P</a><br>Description: IC MCU 8BIT 128KB FLASH 40DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF56K42-I/PT</a><br>Description: FLASH, 4KB RAM                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18LF55K42-I/PT</a><br>Description: FLASH, 2KB RAM                    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF56K42-E/MV</a><br>Description: 64KB FLASH, 4KB RAM, 256B EEPROM  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF55K42-E/MV</a><br>Description: 32KB FLASH, 2KB RAM, 256B EEPROM  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18LF47K42-I/ML</a><br>Description: IC MCU 8BIT 128KB FLASH 44QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC18LF47K42-I/MV</a><br>Description: IC MCU 8BIT 128KB FLASH 40UQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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| Related keywords for PIC18LF55K42-E/PT          |                                        |                                        |                         |
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