

PIC16LF627A-I/P



Part Number: [PIC16LF627A-I/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 1.75KB FLASH 18DIP

Data sheet:  [Timer1 Module Silicon Errata Sheet](#)  
 [PIC16F62x Datasheet](#)  
 [PIC16F627A, 628A, 648A Data Sheet](#)

RoHs Status: Lead free / RoHS Compliant

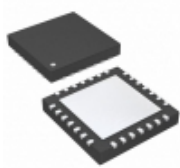
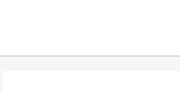
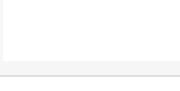
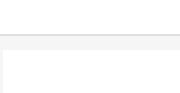
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC16LF627A-I/P                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 1.75KB FLASH 18DIP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 62445 pcs                                 | Data sheet                       | <a href="#">Timer1 Module Silicon Errata Sheet</a><br><a href="#">PIC16F62x Datasheet</a><br><a href="#">PIC16F627A, 628A, 648A Data Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2 V ~ 5.5 V                                                                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 18-PDIP                                   | Speed                            | 20MHz                                                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® 16F                                  | RAM Size                         | 224 x 8                                                                                                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size              | 1.75KB (1K x 14)                                                                                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tube                                                                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 18-DIP (0.300", 7.62mm)                   | Other Names                      | PIC16LF627AIP                                                                                                                                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                  |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                     |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 128 x 8                                   | Detailed Description             | PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 1.75KB (1K x 14) FLASH 18-PDIP                                                                     |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Core Size                        | 8-Bit                                                                                                                                          |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC                                       | Connectivity                     | UART/USART                                                                                                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PIC16LF627A                               |                                  |                                                                                                                                                |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC16LF627A-I/ML</a><br>Description: IC MCU 8BIT 1.75KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF627AT-I/SS</a><br>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16LF627-04I/SS</a><br>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF1947T-I/MR</a><br>Description: IC MCU 8BIT 28KB FLASH 64QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF1947T-I/PT</a><br>Description: IC MCU 8BIT 28KB FLASH 64TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF627AT-I/SO</a><br>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF627-04I/P</a><br>Description: IC MCU 8BIT 1.75KB FLASH 18DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF627T-04I/SO</a><br>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF627-04/SS</a><br>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF627-04/P</a><br>Description: IC MCU 8BIT 1.75KB FLASH 18DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF627T-04/SS</a><br>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF627A-I/SO</a><br>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16LF628-04/P</a><br>Description: IC MCU 8BIT 3.5KB FLASH 18DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF627AT-I/ML</a><br>Description: IC MCU 8BIT 1.75KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF627-04/SO</a><br>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16LF627A-I/SS</a><br>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for PIC16LF627A-I/P

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