

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F627-20I/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F627-20I/P                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 1.75KB FLASH 18DIP                                                                               |
|                     |  1.PIC16F627-20I/P.pdf      |
|                     |  2.PIC16F627-20I/P.pdf      |
|                     |  3.PIC16F627-20I/P.pdf      |
|                     |  4.PIC16F627-20I/P.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 43919 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

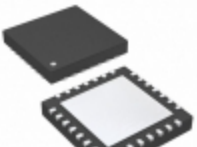
Specifications of PIC16F627-20I/P

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F627-20I/P                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 1.75KB FLASH 18DIP                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 43919 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.PIC16F627-20I/P.pdf<br> 2.PIC16F627-20I/P.pdf<br> 3.PIC16F627-20I/P.pdf<br> 4.PIC16F627-20I/P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 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)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 16                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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                 | PIC16F627                                                                                                                                                                                                                                                                                                                                                                                                                                        |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16F627-20I/P | PIC16F627-20I/P Distributor            | PIC16F627-20I/P Supplier                               |
| PIC16F627-20I/P Price                         | PIC16F627-20I/P Pictures               | PIC16F627-20I/P Image                                  |
| PIC16F627-20I/P PDF Datasheet                 | PIC16F627-20I/P Download Datasheet     | PIC16F627-20I/P Datasheet                              |
| PIC16F627-20I/P Stock                         | Buy PIC16F627-20I/P                    | Buy Micrel / Microchip Technology PIC16F627-20I/P      |
| Micrel / Microchip Technology PIC16F627-20I/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16F627-20I/P | Microchip Technology PIC16F627-20I/P   | Roving Networks / Microchip Technology PIC16F627-20I/P |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
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|  MICROCHIP<br><b>PIC16F627-20/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC<br>In stock: 43530 pcs<br><b>RFQ</b>  |  MICROCHIP<br><b>PIC16F627-20I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP<br>In stock: 42390 pcs<br><b>RFQ</b> |
|  MICROCHIP<br><b>PIC16F627A-E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC<br>In stock: 53229 pcs<br><b>RFQ</b>  |  MICROCHIP<br><b>PIC16F627-20E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP<br>In stock: 37783 pcs<br><b>RFQ</b> |
|  MICROCHIP<br><b>PIC16F627-20E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC<br>In stock: 34480 pcs<br><b>RFQ</b> | <br><b>PIC16F627-20E/P</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 1.75KB FLASH 18DIP<br>In stock: 4573 pcs<br><b>RFQ</b>              |
| <br><b>PIC16F627-20/P</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 1.75KB FLASH 18DIP<br>In stock: 43030 pcs<br><b>RFQ</b>              |  MICROCHIP<br><b>PIC16F627A-E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP<br>In stock: 52163 pcs<br><b>RFQ</b>  |
|  MICROCHIP<br><b>PIC16F627-20/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 1.75KB FLASH 20SSOP<br>In stock: 40543 pcs<br><b>RFQ</b>  | <br><b>PIC16F627A-E/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 1.75KB FLASH 28QFN<br>In stock: 44354 pcs<br><b>RFQ</b>             |
| <br><b>PIC16F627A-E/P</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 1.75KB FLASH 18DIP<br>In stock: 52193 pcs<br><b>RFQ</b>              |  MICROCHIP<br><b>PIC16F627-20I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 1.75KB FLASH 18SOIC<br>In stock: 40537 pcs<br><b>RFQ</b> |