

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F628T-20/SO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F628T-20/SO                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 3.5KB FLASH 18SOIC                                                                               |
|                     |  1.PIC16F628T-20/SO.pdf     |
|                     |  2.PIC16F628T-20/SO.pdf     |
|                     |  3.PIC16F628T-20/SO.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 37383 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

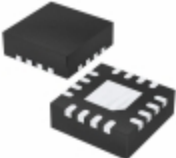
Specifications of PIC16F628T-20/SO

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F628T-20/SO                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 18SOIC                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 37383 pcs                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.PIC16F628T-20/SO.pdf<br> 2.PIC16F628T-20/SO.pdf<br> 3.PIC16F628T-20/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 18-SOIC                                                                                                                                                                                                                                                                                                                                |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | PIC® 16F                                                                                                                                                                                                                                                                                                                               |
| RAM SIZE                         | 224 x 8                                                                                                                                                                                                                                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 3.5KB (2K x 14)                                                                                                                                                                                                                                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 18-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | 0°C ~ 70°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 3.5KB (2K x 14) FLASH 18-SOIC                                                                                                                                                                                                                                                              |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                      |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                  |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                    |
| CONNECTIVITY                     | UART/USART                                                                                                                                                                                                                                                                                                                             |
| BASE PART NUMBER                 | PIC16F628                                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16F628T-20/SO | PIC16F628T-20/SO Distributor           | PIC16F628T-20/SO Supplier                               |
| PIC16F628T-20/SO Price                         | PIC16F628T-20/SO Pictures              | PIC16F628T-20/SO Image                                  |
| PIC16F628T-20/SO PDF Datasheet                 | PIC16F628T-20/SO Download Datasheet    | PIC16F628T-20/SO Datasheet                              |
| PIC16F628T-20/SO Stock                         | Buy PIC16F628T-20/SO                   | Buy Micrel / Microchip Technology PIC16F628T-20/SO      |
| Micrel / Microchip Technology PIC16F628T-20/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16F628T-20/SO | Microchip Technology PIC16F628T-20/SO  | Roving Networks / Microchip Technology PIC16F628T-20/SO |

Related Products

|                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>PIC16F628T-20E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 18SOIC<br>In stock: 4945 pcs<br><b>RFQ</b>  |  <b>PIC16F628T-04I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br>In stock: 37638 pcs<br><b>RFQ</b> |
|  <b>PIC16F628T-20I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br>In stock: 32487 pcs<br><b>RFQ</b> |  <b>PIC16F628T-04E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br>In stock: 6326 pcs<br><b>RFQ</b>  |
|  <b>PIC16F628T-04E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 18SOIC<br>In stock: 6268 pcs<br><b>RFQ</b>  |  <b>PIC16F628T-20I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 18SOIC<br>In stock: 36435 pcs<br><b>RFQ</b> |
|  <b>PIC16F628T-20/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br>In stock: 30585 pcs<br><b>RFQ</b>  |  <b>PIC16F628T-04I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 18SOIC<br>In stock: 33431 pcs<br><b>RFQ</b> |
|  <b>PIC16F628T-04/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br>In stock: 33419 pcs<br><b>RFQ</b>  |  <b>PIC16F628T-04/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 18SOIC<br>In stock: 38493 pcs<br><b>RFQ</b>  |
|  <b>PIC16F628T-20E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br>In stock: 6747 pcs<br><b>RFQ</b>  |  <b>PIC16F630-E/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 1.75KB FLASH 16QFN<br>In stock: 68538 pcs<br><b>RFQ</b>    |