



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16C63A-20E/SP

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16C63A-20E/SP                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 7KB OTP 28SDIP                                                                                   |
|                     |  1.PIC16C63A-20E/SP.pdf     |
|                     |  2.PIC16C63A-20E/SP.pdf     |
|                     |  3.PIC16C63A-20E/SP.pdf     |
|                     |  4.PIC16C63A-20E/SP.pdf     |
|                     |  5.PIC16C63A-20E/SP.pdf     |
|                     |  6.PIC16C63A-20E/SP.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 23566 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

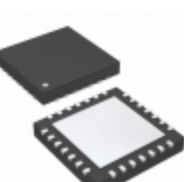
Specifications of PIC16C63A-20E/SP

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16C63A-20E/SP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 7KB OTP 28SDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 23566 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.PIC16C63A-20E/SP.pdf<br> 2.PIC16C63A-20E/SP.pdf<br> 3.PIC16C63A-20E/SP.pdf<br> 4.PIC16C63A-20E/SP.pdf<br> 5.PIC16C63A-20E/SP.pdf<br> 6.PIC16C63A-20E/SP.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 28-SPDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | PIC® 16C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RAM SIZE                         | 192 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PROGRAM MEMORY SIZE              | 7KB (4K x 14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 28-DIP (0.300" , 7.62mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF I/O                    | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION             | PIC PIC® 16C Microcontroller IC 8-Bit 20MHz 7KB (4K x 14) OTP 28-SPDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| BASE PART NUMBER                 | PIC16C63A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16C63A-20E/SP | PIC16C63A-20E/SP Distributor           | PIC16C63A-20E/SP Supplier                               |
| PIC16C63A-20E/SP Price                         | PIC16C63A-20E/SP Pictures              | PIC16C63A-20E/SP Image                                  |
| PIC16C63A-20E/SP PDF Datasheet                 | PIC16C63A-20E/SP Download Datasheet    | PIC16C63A-20E/SP Datasheet                              |
| PIC16C63A-20E/SP Stock                         | Buy PIC16C63A-20E/SP                   | Buy Micrel / Microchip Technology PIC16C63A-20E/SP      |
| Micrel / Microchip Technology PIC16C63A-20E/SP | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16C63A-20E/SP | Microchip Technology PIC16C63A-20E/SP  | Roving Networks / Microchip Technology PIC16C63A-20E/SP |

Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                     |
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|  <div><b>PIC16C63A-04I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 28SDIP<br/>In stock: 24488 pcs<br/>RFQ</div> |  <div><b>PIC16C63A-20/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 28SOIC<br/>In stock: 27054 pcs<br/>RFQ</div>  |
|  <div><b>PIC16C63A/JW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB EPROM 28CDIP<br/>In stock: 5772 pcs<br/>RFQ</div>    |  <div><b>PIC16C63A-20I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 28SSOP<br/>In stock: 21137 pcs<br/>RFQ</div> |
|  <div><b>PIC16C63A-04I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 28SSOP<br/>In stock: 22428 pcs<br/>RFQ</div> |  <div><b>PIC16C63A-20/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 28SSOP<br/>In stock: 27000 pcs<br/>RFQ</div>  |
|  <div><b>PIC16C63A-20I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 28SDIP<br/>In stock: 19345 pcs<br/>RFQ</div> |  <div><b>PIC16C63A-20/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 28SDIP<br/>In stock: 23550 pcs<br/>RFQ</div>  |
|  <div><b>PIC16C63A-20E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 28SSOP<br/>In stock: 21049 pcs<br/>RFQ</div> |  <div><b>PIC16C63A-20I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 28QFN<br/>In stock: 6825 pcs<br/>RFQ</div>   |
|  <div><b>PIC16C63A-20I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 28SOIC<br/>In stock: 22835 pcs<br/>RFQ</div> |  <div><b>PIC16C63A-20E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 28SOIC<br/>In stock: 23553 pcs<br/>RFQ</div> |