

 **Micrel / Microchip Technology**

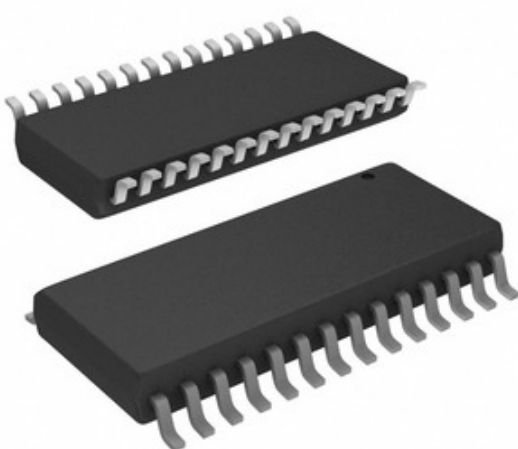


Image may be representation. See specifications for product details.

**PIC16C642-20/SO**

Part Number:

Micrel / Microchip Technology

Manufacturer/Brand:

Micrel / Microchip Technology

Product description

IC MCU 8BIT 7KB OTP 28SOIC

Datasheets:

 1.PIC16C642-20/SO.pdf

 2.PIC16C642-20/SO.pdf

 3.PIC16C642-20/SO.pdf

 4.PIC16C642-20/SO.pdf

RoHs Status

 Lead free / RoHS Compliant

Stock Condition

5372 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PIC16C642-20/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16C642-20/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 7KB OTP 28SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 5372 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       | <div> 1.PIC16C642-20/SO.pdf</div> <div> 2.PIC16C642-20/SO.pdf</div> <div> 3.PIC16C642-20/SO.pdf</div> <div> 4.PIC16C642-20/SO.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | PIC® 16C                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RAM SIZE                         | 176 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PROGRAM MEMORY SIZE              | 7KB (4K x 14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, LED, POR, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | 0°C ~ 70°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-SOIC                                                                                                                                                                                                                                                                                                                                                                                                               |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| BASE PART NUMBER                 | PIC16C642                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16C642-20/SO | PIC16C642-20/SO Distributor            | PIC16C642-20/SO Supplier                               |
| PIC16C642-20/SO Price                         | PIC16C642-20/SO Pictures               | PIC16C642-20/SO Image                                  |
| PIC16C642-20/SO PDF Datasheet                 | PIC16C642-20/SO Download Datasheet     | PIC16C642-20/SO Datasheet                              |
| PIC16C642-20/SO Stock                         | Buy PIC16C642-20/SO                    | Buy Micrel / Microchip Technology PIC16C642-20/SO      |
| Micrel / Microchip Technology PIC16C642-20/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16C642-20/SO | Microchip Technology PIC16C642-20/SO   | Roving Networks / Microchip Technology PIC16C642-20/SO |

Related Products

|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>PIC16C642-20E/SP</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB OTP 28SDIP</div> <div>In stock: 5331 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC16C642-20I/SP</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB OTP 28SDIP</div> <div>In stock: 21999 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC16C642-10/SO</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB OTP 28SOIC</div> <div>In stock: 24273 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC16C642-10E/SO</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB OTP 28SOIC</div> <div>In stock: 5369 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC16C642/JW</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB EPROM 28CDIP</div> <div>In stock: 5865 pcs</div> <div>RFQ</div>    | <div></div> <div><b>PIC16C642-10I/SO</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB OTP 28SOIC</div> <div>In stock: 23307 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC16C642-20/SP</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB OTP 28SDIP</div> <div>In stock: 25317 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC16C642-10I/SP</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB OTP 28SDIP</div> <div>In stock: 22799 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC16C642-10E/SP</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB OTP 28SDIP</div> <div>In stock: 6047 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC16C642-20E/SO</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB OTP 28SOIC</div> <div>In stock: 6526 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC16C642-20I/SO</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB OTP 28SOIC</div> <div>In stock: 22062 pcs</div> <div>RFQ</div> | <div></div> <div><b>PIC16C642-10/SP</b></div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB OTP 28SDIP</div> <div>In stock: 5125 pcs</div> <div>RFQ</div>   |