



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16C65B-20E/P

Part Number:  
Manufacturer/Brand:  
Product description

PIC16C65B-20E/P  
Micrel / Microchip Technology  
IC MCU 8BIT 7KB OTP 40DIP  
 1.PIC16C65B-20E/P.pdf  
 2.PIC16C65B-20E/P.pdf  
 3.PIC16C65B-20E/P.pdf  
 4.PIC16C65B-20E/P.pdf  
 5.PIC16C65B-20E/P.pdf  
 6.PIC16C65B-20E/P.pdf  
 7.PIC16C65B-20E/P.pdf  
 Lead free / RoHS Compliant  
Hong Kong  
DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PIC16C65B-20E/P

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16C65B-20E/P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC MCU 8BIT 7KB OTP 40DIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.PIC16C65B-20E/P.pdf<br> 2.PIC16C65B-20E/P.pdf<br> 3.PIC16C65B-20E/P.pdf<br> 4.PIC16C65B-20E/P.pdf<br> 5.PIC16C65B-20E/P.pdf<br> 6.PIC16C65B-20E/P.pdf<br> 7.PIC16C65B-20E/P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 40-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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                   | 40-DIP (0.600", 15.24mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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 40-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | PIC16C65B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16C65B-20E/P | PIC16C65B-20E/P Distributor            | PIC16C65B-20E/P Supplier                               |
| PIC16C65B-20E/P Price                         | PIC16C65B-20E/P Pictures               | PIC16C65B-20E/P Image                                  |
| PIC16C65B-20E/P PDF Datasheet                 | PIC16C65B-20E/P Download Datasheet     | PIC16C65B-20E/P Datasheet                              |
| PIC16C65B-20E/P Stock                         | Buy PIC16C65B-20E/P                    | Buy Micrel / Microchip Technology PIC16C65B-20E/P      |
| Micrel / Microchip Technology PIC16C65B-20E/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16C65B-20E/P | Microchip Technology PIC16C65B-20E/P   | Roving Networks / Microchip Technology PIC16C65B-20E/P |

Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                     |
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|  <div><b>PIC16C65B-201/PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44MQFP<br/>In stock: 188 pcs<br/>RFQ</div>   |  <div><b>PIC16C65B-041/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44TQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PIC16C65B-20/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44TQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>PIC16C65B-20E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44TQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PIC16C65B-20/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44PLCC<br/>In stock: 298 pcs<br/>RFQ</div>     |  <div><b>PIC16C65B-20/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 40DIP<br/>In stock: 180 pcs<br/>RFQ</div>      |
|  <div><b>PIC16C65B-20E/PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44MQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC16C65B-201/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44TQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PIC16C65B-20E/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44PLCC<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>PIC16C65B-20/PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44MQFP<br/>In stock: 672 pcs<br/>RFQ</div>    |
|  <div><b>PIC16C65B-201/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 40DIP<br/>In stock: 225 pcs<br/>RFQ</div>     |  <div><b>PIC16C65B-201/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44PLCC<br/>In stock: 2 pcs<br/>RFQ</div>      |