

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16C65BT-20I/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16C65BT-20I/PT                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 7KB OTP 44TQFP                                                                                   |
|                     |  1.PIC16C65BT-20I/PT.pdf    |
|                     |  2.PIC16C65BT-20I/PT.pdf    |
|                     |  3.PIC16C65BT-20I/PT.pdf    |
|                     |  4.PIC16C65BT-20I/PT.pdf    |
|                     |  5.PIC16C65BT-20I/PT.pdf    |
|                     |  6.PIC16C65BT-20I/PT.pdf    |
|                     |  7.PIC16C65BT-20I/PT.pdf    |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 2774 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
|                     | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PIC16C65BT-20I/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16C65BT-20I/PT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC MCU 8BIT 7KB OTP 44TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| QUANTITY AVAILABLE               | 2774 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.PIC16C65BT-20I/PT.pdf<br> 2.PIC16C65BT-20I/PT.pdf<br> 3.PIC16C65BT-20I/PT.pdf<br> 4.PIC16C65BT-20I/PT.pdf<br> 5.PIC16C65BT-20I/PT.pdf<br> 6.PIC16C65BT-20I/PT.pdf<br> 7.PIC16C65BT-20I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| BASE PART NUMBER                 | PIC16C65B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology PIC16C65BT-20I/PT | PIC16C65BT-20I/PT Distributor          | PIC16C65BT-20I/PT Supplier                               |
| PIC16C65BT-20I/PT Price                         | PIC16C65BT-20I/PT Pictures             | PIC16C65BT-20I/PT Image                                  |
| PIC16C65BT-20I/PT PDF Datasheet                 | PIC16C65BT-20I/PT Download Datasheet   | PIC16C65BT-20I/PT Datasheet                              |
| PIC16C65BT-20I/PT Stock                         | Buy PIC16C65BT-20I/PT                  | Buy Micrel / Microchip Technology PIC16C65BT-20I/PT      |
| Micrel / Microchip Technology PIC16C65BT-20I/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16C65BT-20I/PT | Microchip Technology PIC16C65BT-20I/PT | Roving Networks / Microchip Technology PIC16C65BT-20I/PT |

Related Products

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|  MICROCHIP<br><b>PIC16C66-04I/SP</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB OTP 28SDIP<br>In stock: 16041 pcs<br><b>RFQ</b> | <br><b>PIC16C65BT-20E/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB OTP 44TQFP<br>In stock: 3989 pcs<br><b>RFQ</b>          |
| <br><b>PIC16C66-04I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB OTP 28SOIC<br>In stock: 19520 pcs<br><b>RFQ</b>           |  MICROCHIP<br><b>PIC16C65BT-20E/L</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB OTP 44PLCC<br>In stock: 3369 pcs<br><b>RFQ</b> |
|  MICROCHIP<br><b>PIC16C66-04/SP</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB OTP 28SDIP<br>In stock: 16021 pcs<br><b>RFQ</b>  | <br><b>PIC16C66-04E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB OTP 28SOIC<br>In stock: 7038 pcs<br><b>RFQ</b>           |
| <br><b>PIC16C66-04/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB OTP 28SOIC<br>In stock: 15766 pcs<br><b>RFQ</b>            | <br><b>PIC16C65BT-20E/PQ</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB OTP 44MQFP<br>In stock: 2707 pcs<br><b>RFQ</b>          |
| <br><b>PIC16C65BT-20/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB OTP 44TQFP<br>In stock: 3024 pcs<br><b>RFQ</b>            |  MICROCHIP<br><b>PIC16C66-04E/SP</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 14KB OTP 28SDIP<br>In stock: 3871 pcs<br><b>RFQ</b> |
|  MICROCHIP<br><b>PIC16C65BT-20I/L</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB OTP 44PLCC<br>In stock: 4563 pcs<br><b>RFQ</b>  | <br><b>PIC16C65BT-20I/PQ</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB OTP 44MQFP<br>In stock: 4542 pcs<br><b>RFQ</b>          |

