



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16C65A-10E/PQ

Part Number:  
Manufacturer/Brand:  
Product description

PIC16C65A-10E/PQ  
Micrel / Microchip Technology  
IC MCU 8BIT 7KB OTP 44MQFP  
 1.PIC16C65A-10E/PQ.pdf  
 2.PIC16C65A-10E/PQ.pdf  
 3.PIC16C65A-10E/PQ.pdf  
 4.PIC16C65A-10E/PQ.pdf  
 5.PIC16C65A-10E/PQ.pdf  
 6.PIC16C65A-10E/PQ.pdf  
 7.PIC16C65A-10E/PQ.pdf  
 Lead free / RoHS Compliant  
Hong Kong  
DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PIC16C65A-10E/PQ

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16C65A-10E/PQ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC MCU 8BIT 7KB OTP 44MQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.PIC16C65A-10E/PQ.pdf<br> 2.PIC16C65A-10E/PQ.pdf<br> 3.PIC16C65A-10E/PQ.pdf<br> 4.PIC16C65A-10E/PQ.pdf<br> 5.PIC16C65A-10E/PQ.pdf<br> 6.PIC16C65A-10E/PQ.pdf<br> 7.PIC16C65A-10E/PQ.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 44-MQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SPEED                            | 10MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 44-QFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 10MHz 7KB (4K x 14) OTP 44-MQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | PIC16C65A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16C65A-10E/PQ | PIC16C65A-10E/PQ Distributor           | PIC16C65A-10E/PQ Supplier                               |
| PIC16C65A-10E/PQ Price                         | PIC16C65A-10E/PQ Pictures              | PIC16C65A-10E/PQ Image                                  |
| PIC16C65A-10E/PQ PDF Datasheet                 | PIC16C65A-10E/PQ Download Datasheet    | PIC16C65A-10E/PQ Datasheet                              |
| PIC16C65A-10E/PQ Stock                         | Buy PIC16C65A-10E/PQ                   | Buy Micrel / Microchip Technology PIC16C65A-10E/PQ      |
| Micrel / Microchip Technology PIC16C65A-10E/PQ | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16C65A-10E/PQ | Microchip Technology PIC16C65A-10E/PQ  | Roving Networks / Microchip Technology PIC16C65A-10E/PQ |

Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                     |
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|  <div><b>PIC16C65A-10I/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>PIC16C65A-10E/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>PIC16C65A-10I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 40DIP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>PIC16C65A-10/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>PIC16C65A-10/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 40DIP<br/>In stock: 64 pcs<br/>RFQ</div>       |  <div><b>PIC16C65A-10E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 40DIP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>PIC16C65A-10/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>PIC16C65A-20/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44PLCC<br/>In stock: 46 pcs<br/>RFQ</div>      |
|  <div><b>PIC16C65A-10/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>PIC16C65A-10E/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>PIC16C65A-10I/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>PIC16C65A-10I/PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB OTP 44MQFP<br/>In stock: Out stock<br/>RFQ</div> |